

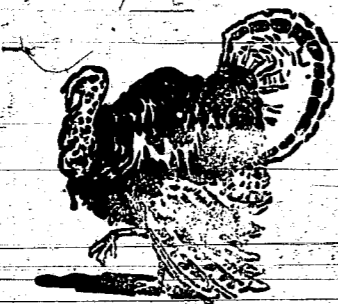
Some borrow the Avalanche, others steal it, many pay for it. Everybody reads it.



A weekly record of local events is worth \$1.50 to any home. You get all that and more in the Avalanche.

For Your Christmas Dinner

Turkeys
Ducks
Geese,
and
Chickens



No Christmas dinner is quite complete without a fine Roast Fowl. We will have a selected lot and request that you place your orders early.

Milk's Market F. H. Milks
Phone No. 2

LIVERY & SALES STABLES



Prompt livery
service ready at
anytime.
Also heavy work.

Farms and Farm Lands and Village
Property For Sale.

N. P. Olson, Grayling
Langevin's Old Stand

Report of Crawford County Farmers' Institute.

The annual meeting of the Crawford County Farmers' Institute society was held in the C. and N. hall in this city, Friday and Saturday of last week. J. B. Merrill, President of the Society was not present until evening. Marion R. Hopkins, being appointed chairman took charge of the program.

On account of lack of attendance the Society did not open the program until about 2 o'clock.

State Speaker H. J. Lurkins, of Paw Paw gave an interesting talk on maintaining soil fertility, emphasizing the necessity of crop rotation. Notes were taken by Agricultural students with interest. Growing of small grain was handled with interest by Mr. Lurkins.

The singing given by the school children was greatly appreciated, especially the snow balling of the audience, received after the Snow song. This part of the program was in charge of Miss Lennon, teacher of music of the local schools.

The subject, "Alfalfa and other Legumes" and "The Silo and Silage" was treated by State Speaker A. M. Berridge with great interest to the audience.

The Farmer's poultry topic was left open to any one who had any experience in that line, a few gave their ideas. H. J. Lurkins gave a few good pointers advising balanced ration feeding. All questions asked were cheerfully answered by the State Speaker.

The evening program opened with singing by Grayling school conducted by Miss Lennon which was greatly enjoyed by everyone present.

The subject "M. A. C. the Farmer's Friend" was an interesting subject; the Speaker A. M. Berridge endeavored to make it so.

(Continued on last page)

School Notes

Edith McDonald of Wolverine was a recent visitor in the sixth grade.

Elsie Zalsman was absent from school last week because of sickness.

Ruth and Oscar Taylor entered the seventh grade last week, their parents having recently moved here from Sheridan, Montcalm County.

Beatrice Dischaw of Frederic is a new pupil in the High school. We are glad to welcome her.

The German 2 class has begun reading the classic "Homer at the Kitchen". A high school play is planned for



Christmas Gifts For All

What will George like best for Xmas? That same old problem looks us in the face every year, and to some Christmas buying is really work. Whereas it should be a pleasure.

We Make Christmas Buying Easy.—Here's Our Plan

Make a list of the friends you intend to remember. Then make up your mind to buy only practical, useful things. Presents that they will not be obliged to put away on the shelf just to look at. That's a waste of money and you have not satisfied your friends.

Just Buy Things They Can Use Every Day---Things to Wear

Now doesn't that sound like common sense? You can do your complete buying at this store, from the baby to its grandfather.

There is nothing nicer for little brother than a neat

Mackinaw, an Overcoat, a Cap, a Hat,

Sweater or Gloves. You could not please your older son more if you presented him with a nice Suit or Overcoat, cut in the latest fashion. Could father wish for anything better than a nice Suit or Overcoat with Hat and Gloves to match?

Same way with mother, what can please her more than a nice

Coat, Waist, Shoes, Slippers, Neckwear,

Gloves, Mittens, Handkerchiefs, Hosiery, Etc. Fancy Linens of every description, such as Table Linen, Napkins, Towels, Etc.

Fancy Shirts, Socks and Ties

Our assortment is very complete and larger than ever.

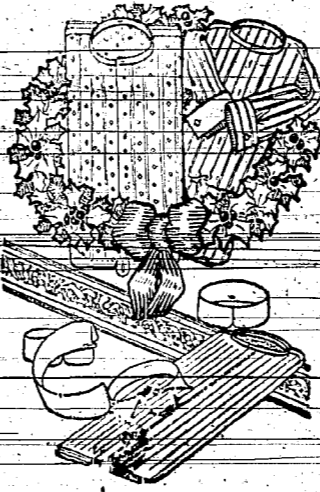
Men's Neckwear

Bought especially for Xmas and strictly up-to-date.

Fancy Linens

Our reputation as THE linen store adds much to the appreciation of your gift if bought here.

Linen Cloths, Lunch Sets, Table Sets, Table Cloths, Napkins, Towels and Scarfs.



Beautiful Line of Hosiery

Christmas Aprons

Bags and Suit Cases

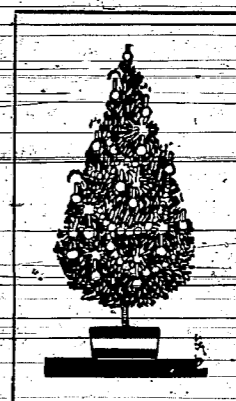
Infant's Wear

Back Combs and Barrettes

Hand Bags

Ladies' and Men's Stylish Footwear

We will not only sell you the shoes but will fit your feet. This year's stock is the finest we ever had. Shoes and Slippers are always appreciated presents.

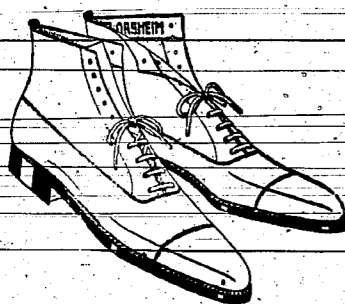


CHRISTMAS TIME, the great festive time of the year, the time when we should put aside petty jealousies and banish all unkind thoughts from our minds, and try and make others happy, therein lies our own happiness. Let your giving be coupled with the practical things that are of high quality and beauty. Our store is full of good suggestions and we invite you to come in and see. It is impossible to tell all here.

EMIL KRAUS

Grayling's Leading Dry Goods Store

Here's Your Chance for a Short Time Only



Men's Fine Florsheim Shoes, tan or black, button or lace, 5.00, my price... **\$4.45**

A few pairs only, 5.00 value, my price only... **\$3.69**

Men's Shoes in Rice-Hutchins noted Signet and Armada Shoes, button or lace, 5.00, my price... **\$3.45**

Men's 3.50 Rice-Hutchins shoes my price... **\$2.95**

All Ladies' 4.00 Fine Shoes, my price... **\$3.45**

All 3.50 Shoes... **\$2.95**

This will be a special inducement. Don't miss it. A short time only.



Come and see the

Beautiful Display of Shoes for Ladies

Remember all the most beautiful styles go into this cut. Mention this ad please.

MERRY XMAS TO ALL

Frank Dreese

Lemon colored building opposite the Jail.

Feb. 11th and 12th. On Feb. 18th will occur the annual Junior party.

Jay and Morris Egeler enrolled in school last Monday morning. Their young friends are glad to have them with us again.

A parent who evidently disapproved of corporal punishment wrote his teacher: "Dear Miss: Don't hit our Johnnie. We never do it at home except in self defense."

Miss Loss and her agricultural class attended the Farmer's Institute last Friday afternoon and enjoyed the discussions very much. Each member of the class was required to take notes on all discussions and give a written report of one of them. Because of not having a forenoon session, the speakers combined two programs in one thus necessarily making their discourses rather brief. The following is a synopsis of one address and was written by Hazel Cassidy:

SILOS AND SILAGE.

The silo is used for canning green fodder for feeding cattle in the winter in the same way that our mothers can fruit and vegetables to use in the winter months.

Silos have been used for about thirty-five years in the United States. More green feed has been fed from silos than any other way. Long ago in Europe people dug holes in the ground which were used for silos. They

covered the bottom and sides with clay and stamped upon it to make it smooth. Then they covered it with boards and rock. In Germany, they were made from sixteen to eighteen feet deep. Today, even, sugar beets are often kept in this manner, but most silos today are above ground.

The three advantages of silage are: first, it furnishes green feed in the winter; second, by the wholesale harvesting of the crop it does not have to be cured; third, by feeding from silos the feed is easily handled in the winter.

Ensilage and alfalfa furnish a balanced ration for cattle. The corn must be in the right stage when it goes into the silo and that is when it is nearly mature. It must be palatable to the live stock. The fermentation and chemical changes which take place in the silo, raise the temperature to one hundred and twenty degrees. If the corn is too green, too much acid is formed and the corn is liable to sour.

Silos are made of concrete or cement or anything of this kind which will make the silo airtight. Sometimes the corn is put into the silo in the spring when it is too dry so water must be added. After the silo is filled the top is covered with hay or straw. Some mould may form on the top, as it does on fruit, but there will not be much loss.

For a number of years Santa Claus came from the North Pole to visit us

Santa Claus is here again this year with a full line of

Toys, Tailor-Made Clothes
Underwear for Ladies, Men and Children
Shoes for the whole Family
Rubbers for the whole Family
Socks, Children's and Ladies' Hosiery
Ties, Handkerchiefs, Suspenders
We just got in a line of Leather Suit Cases and Traveling Bags

Solid Leather \$8.00 Traveling Bags for \$6.00
\$7.00 All Leather Suit Cases \$5.00

Makes a fine Xmas present.

BRENNER'S

GRAYLING, MICHIGAN

Glass of Hot Water Before Breakfast

a Splendid Habit

Open sluices of the system each morning and wash away the poisonous, stagnant matter.

Those of us who are accustomed to feel dull and heavy when we arise, splitting headache, stuffy from a cold, foul tongue, pasty breath, acid stomach, lame back, can, instead, both look and feel as fresh as a daisy always by washing the poisons and toxins from the body with phosphate hot water each morning.

We should drink, before breakfast, a glass of real hot water with a tea-

It to flush from the stomach, liver, kidneys and ten yards of bowels the previous day's indigestible waste, sour, bile and poisonous toxins; thus cleansing, sweetening and purifying the entire alimentary tract before putting more food into the stomach.

out all the sour fermentations, gases, waste and acidity and gives one a splendid appetite for breakfast and it is said to be but a little while until the roses begin to appear in the cheeks. A quarter pound of limestone phosphate will cost but a little at the drug store, but is sufficient to make anyone who is bothered with biliousness, constipation, stomach trouble or rheumatism a real enthusiast on the subject of internal sanitation. Try it and you are assured that you will look better and feel better in every way shortly.

**DRINK MORE WATER
IF KIDNEYS BOTHER**

**Eat less meat and take Salts for Back-
ache or Bladder trouble—
Neutralizes acids.**

Uric acid in blood excites the kidneys,
their action is weakened, and the acids
are not eliminated.

they become overworked, get sluggish, ache, and feel like lumps of lead. The urine becomes cloudy; the bladder is irritated, and you may be obliged to seek relief two or three times during the night. When the kidneys clog you must help them flush off the body's urinous waste.

or you'll be a real sick person shortly. At first you feel a dull misery in the kidney region, you suffer from backache, sick headache, dizziness, stomach gets sour, tongue coated and you feel rheumatic twinges when the weather is bad.

Eat less meat, drink lots of water; also get from any pharmacist four ounces of Jad-Salt; take a tablespoonful in a glass of water before breakfast for a few days and your kidneys will then not ache. This famous salt is made from the acid of oranges and lemons, and

From the acid of grapes and lemon juice, combined with lithia, and has been used for generations to clean clogged kidneys and stimulate them to normal activity, also to neutralize the acids in urines, so it no longer is a source of irritation, thus ending bladder weakness.

Jad Salts is inexpensive, cannot injure; makes a delightful effervescent lithia-water drink which everyone should take now and then to keep the kidneys clean and active. Druggists here say they sell lots of Jad Salts to folks who

believe in overcoming kidney trouble while it is only trouble.

ADIES! SECRET TO

LARGEST SECRET TO DARKEN GRAY HAIR

Bring back color, gloss and thickness
with Grandma's recipe of Sage
and Sulphur.

Common garden sage brewed into a
tea with sulphur and also a

divided, will turn gray, streaked and faded hair beautifully dark and luxuriant; remove every bit of dandruff, stop scalp itching and falling hair. Mixing the Sage Tea and Sulphur recipe at home, though, is troublesome. An easier way is

to get the ready-to-use tonic, costing about 50 cents a large bottle, at drug stores, known as "Wyeth's Sage and Sulphur Compound," thus avoiding a lot of fuss.

While wispy, gray, faded hair is not

ful, we all desire to retain our youthful appearance and attractiveness. By darkening your hair with Wyeth's Sage and Sulphur, no one can tell, because it does it so naturally, so evenly. You just dampen a sponge or soft brush with

it and draw this through your hair, taking one small strand at a time; by morning all gray hairs have disappeared. After another application or two your hair becomes beautifully dark, glossy, soft and luxuriant and you appear years younger.

TO THE
Discriminating

Discriminating PUBLIC

riswold

His World

ROIT

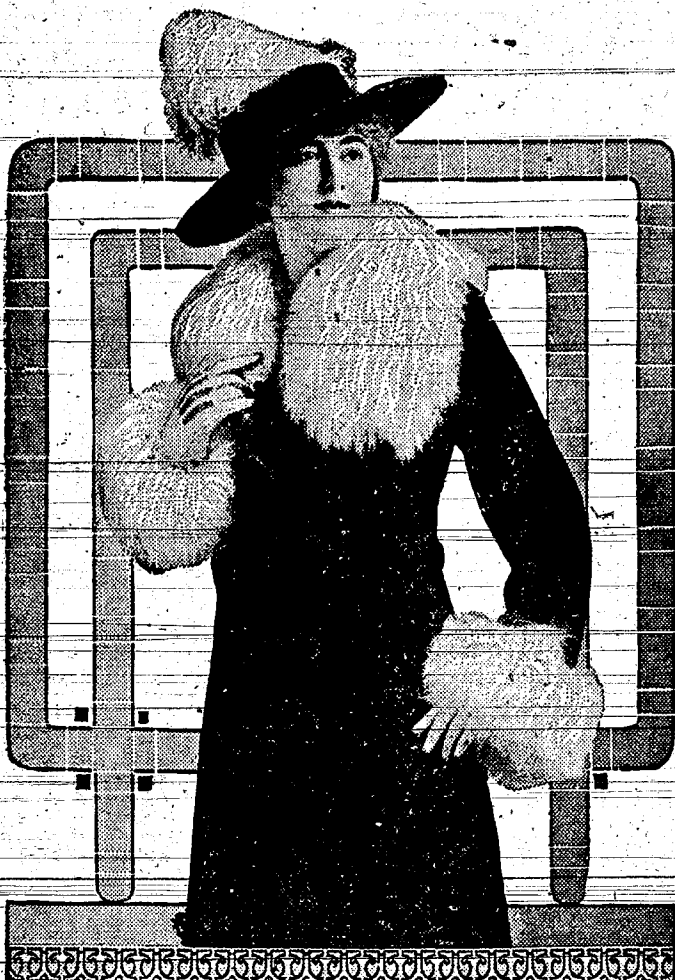
the bargain day at The Hotel
and the price of rooms from
to \$1.00, \$1.50, \$2.00 and \$2.50.
Popular prices will remain the

ld Drug Store, located in the
y wants in drugs, sundries,
cles, stationary, cigars, sodas,

serely
- R + P

22 Vostok

Convertible Coat of Sealette



One of the handsome long coats of plush which dealers prefer to call by its new name—"fur-fabric"—is shown in the picture above. It merits the consideration of the woman who wants a coat to serve many occasions, and is entitled to be called "sealette," by which name the manufacturers have christened the fabric used in it. This is a rich, glossy plush of so dark a brown that it might be classed among the various blacks.

The coat is long, nearly covering the dress, and hangs almost straight at the front. It is fastened at the back, but loosely adjusted to the figure. There are wide revers at the front which may be rolled forward when the turnover collar is brought up close about the neck. Large covered buttons, like the material of the coat, are used for fastening at the front and one is set at each side of the back of the waist line.

The wide collar and deep cuffs of white fur are made separate and fastened to the coat when it is to be worn for evening or dressy afternoon wear. They are not intended for the workaday world of every day, but to convert a very practical coat into a rich-looking garment suited to special occasions. There is nothing

more durable than a coat of this kind in a good quality of the Landseer pile fabric used for making it.

With the addition of the white fur collar and cuffs, white gloves and white and black shoes are worn, and a smart, dressy hat finishes a toilette quite up to the demands of full dress.

Dresses for Girls

High waist lines are the rule for the little girls' thin dresses. Like grown-up dresses, the skirts of these dresses are very flaring and full.

The skirts of silk and chiffon dresses or those of lingerie batiste or very thin silk are often finished at the hem with three little ruffles. These are only about three or four inches in width and are not gathered very full. A pleated edging is used instead of lace to finish them, or a very narrow satin ribbon, perhaps in a double lengthwise stripe.

Little puffed sleeves that come only halfway to the elbow are considered very correct, and they go well with the general empire contour of the gown.

In linen dresses the empire waist line has a belt of the same that has a knot in the middle of it of another color.

Something New in Neckwear



Something new in neckwear has lately been added to the array of crisp and dainty pieces that came in with the fall season. The new arrivals are made of the same materials but have taken their cue from the high collars of wraps and street gowns, and their foundation is a band, fitting close about the neck, and as wide as it can be worn.

To this band of thin material, wings, tabs, and flaring pieces are added in a variety of shapes and finish that seems unlimited. Fine embroidery on sheer fabrics makes them elegant, but their crisp daintiness is a fragile quality, and hence it is necessary to replace them often, for it is just these qualities that they are expected to lend to the costume. Two good examples of these novelties are pictured here and they serve to show the essential features of all of them.

The design at the left might be made, apparently, from embroidered handkerchiefs. It is merely a fitted band of organdy finished at the edges with small buttonhole-stitched scallops and having a flaring piece of the same kind set on at each side. The surface is decorated with scattered embroidered dots and little flower sprays.

Braid Embroidery

A fancy braid is being used a great deal to embellish designs on table runners and cushions. The braid comes in a variety of colors and is used in connection with herringbone, buttonhole, skeleton and many other embroidery stitches. A very good illustration of the effect the braid and various stitches give is noticed on a table runner of natural linen exhibited by an excellent shop. On either end a conventional floral design is stamped. The leaves and stems of

the flowers are covered with the green braid. The petals of the flowers are worked in yellow skeleton stitches, while the centers of the flowers are filled in with brown French knots.—Boston Herald.

Discouraging

The woman who marries a man to reform him must be discouraged to see how much work one small specimen requires when an evangelist can arise and have them hugging the trail by the hundreds.

CHRISTMAS AT BRACEBRIDGE HALL

HERE IS A DELIGHTFUL DESCRIPTION OF AN OLD ENGLISH CHRISTMAS CELEBRATION, TAKEN FROM THE "SKETCH BOOK," WRITTEN NEARLY A HUNDRED YEARS AGO BY WASHINGTON IRVING.

It was a brilliant moonlight night, but extremely cold; our chaise whirled rapidly over the frozen ground; the post-boy snatched his whip incessantly and a part of the time his horses were on a gallop. "He knows where he is going," said my companion laughing, and is eager to arrive in time for some of the merriment and good cheer of the servants' hall. My father, you must know, is a bigoted devotee of the old school, and prides himself upon keeping up something of old English hospitality. He is a tolerable specimen of what you will rarely meet with nowadays in its purity, the old English country gentleman; for our men of fortune spend so much of their time in town, and fashion is carried so much into the country, that the strong peculiarities of ancient rural life are almost polished away.

"My father was always scrupulous in exacting our holidays, and having us around him on family festivals."

He used to direct and superintend our games with the strictness that some parents do to the studies of their children. He was very particular that we should play the old English games according to their original spirit, and consulted old books for precedent and authority for every "merriment sport," yet I assure you there never was so gay and so delightful. It was the policy of the good old gentleman to make his children feel that home was the happiest place in the world, and I value this delicious home-teaching as one of the choicest gifts a parent could bestow.

Queer Dinner Bell

I had finished my toilet and was loitering with Frank Bracebridge in the library, when we heard a distinct thumping sound, which he informed me was a signal for the serving up of the dinner. The squire kept up old customs in kitchen as well as hall; and the rolling-pin, struck upon the dresser by the cook, summoned the servants to carry in the meats and fixings.

The dinner was served up in the great hall, where the squire always held his Christmas banquet. A blazing fire, crackling fire of logs had been kept on, to warm the spacious apartment, and the flames were sparkling and wreathing up the wide, mantled chimney. On the sideboard was a display of plates that might have been taken from the vessels of the temple: "Plagues, cans, cups, beakers, goblets, basins, and ewers;" the gorgeous utensils of good company, which had gradually accumulated through many generations of jovial housekeepers. Before these stood the two Yule candles; beaming like two stars of the first magnitude; other lights were distributed in branches, and the whole array glistened like a firmament of silver.

We were ushered into this banquet scene with the sound of minstrelsy, the old harper being seated on a stool beside the fireplace, and twanging his instrument with a vigor and more power than melody. Never did Christmas board display a more goodly and gracious assemblage of countenances; those who were not handsome were, at least, happy; and happiness is a rare improver of your hard-favored visage.

Enormous Pig's Head

The parson said grace, which was not a short, familiar one, such as is commonly addressed to the deity in these unceremonious days; but a long, courtly, well-worded one of the ancient school. There was now a pause, as if something was expected; when

suddenly the butler entered the hall with some degree of bustle; he was attended by a servant on each side with a large wax-light, and bore a silver dish, on which was an enormous pig's head, decorated with rosemary, with a lemon in its mouth, which was placed with great formality at the head of the table. The moment this pageant made its appearance the harper struck up a flourish, at the conclusion of which the young Oxonian, on receiving a hint from the squire, gave, with an air of the most comic gravity, an old carol.

"Though prepared to witness many of these little eccentricities, from being apprised of the peculiar hobby of mine host, yet, I confess, the parade with which so odd a dish was introduced somewhat perplexed me, until I

gathered from the conversation of the squire and the parson that it was meant to represent the bearing-in of the board's head; a dish formerly served up with much ceremony and the sound of minstrelsy and song, at great tables, on Christmas-day. "I like the old custom," said the squire, "not merely because it is stately and pleasing in itself, but because it was observed at the college at Oxford at which I was educated. When I hear the old song chanted, it brings to mind the time when I was young and gamesome, and the noble old college hall and my fellow-students loitering about in their black gowns; many of them, poor lads, are now in their graves!"

That Tiresome Parson

The parson, however, whose mind was not haunted by such associations, and who was always more taken up with the text than the sentiment, objected to the Oxonian's version of the carol, which he affirmed, was different from that sung at college. He went on, with the dry perseverance of a commentator, to give the college reading, accompanied by sundry annotations; addressing himself at first to the company as a whole, but finally their attention gradually diverted to other talk and other objects, he lowered his tone, and his number of auditors diminished until he concluded these remarks in an undertone to a few heads of gentlemen next him, who were silently engaged in the discussion of a huge plateful of turkey.

The table was literally loaded with good cheer, and presented an epitome of country abundance, in this season of overflowing larders. A distinguished post was allotted to "ancient squire," as mine host termed it; but as he added, the standard of old English hospitality, and a joint of goodly presence, and full of expectation. There were several dishes quaintly decorated and which had evidently something traditional in their embellishments; but about which as I did not like to appear over-curious, I asked no questions.

Follows Old Customs

It would be tedious, perhaps, to my foolish fondness for odd and obsolete things, to which I am a little given, were I to mention the other make-shifts of this worthy old humorist, by which he was endeavoring to follow up, though at humble distance, the quaint customs of antiquity. I was pleased, however, to see the respect shown to his whims by his children and relatives; who, indeed, entered readily into the full spirit of them, and seemed all well versed in their parts; having doubtless been present

at many a rehearsal. I was amused, too, at the air of profound gravity with which the butler and other servants executed the duties assigned them, however eccentric.

The dinner time passed away in this flow of innocent hilarity; and though the old hall may have resounded in its time with many a scene of broader rout and revel, yet I doubt whether I ever witnessed more honest and genuine enjoyment. How easy it is for one benevolent being to diffuse pleasure around him, and how truly is a kind heart a fountain of gladness, making everything in its vicinity to freshen into smiles; the joyous disposition of the worthy squire was perfectly contagious; he was happy himself, and disposed to make all the world happy; and the little eccentricities of his humor did but season in a manner the sweetness and philanthropy.

The Children's Games

After the dinner table was removed, the hall was given up to the younger members of the family, who prompted to all kinds of noisy mirth by the Oxonian and Master Simon, made its old walls ring with their merriment, as they played at romping games. I delight in witnessing the gambols of children, and particularly at this happy holiday season, and could not help stealing out to the drawing room.

"I found them at the game of blind-man's buff," Master Simon, who was the leader of their revels, and seemed on all occasions to fulfill the office of that ancient potentate, the Lord of Misrule, was blinded in the midst of the hall. The little beings were as busy about him as the mock fairies about Puck; pinching him, pulling at the skirts of his coat, and tickling him with straw. One fine blue-eyed girl of about thirteen, with her dark hair cut in a glowing, hot rock-hair-top over her shoulders, a complete picture of a romp, was the chief tormentor; and from the slyness with which Master Simon avoided the smaller game, and hemmed this wild little nymph in corners, and obliged her to jump sideways over chairs, I suspected the rogue of being not a whit more blinded than was convenient.

For my part I was in a continual excitement from the varied scenes of whims and frolic, gaily passing before me. It was inspiring to me to see wild-eyed frolic and warm-hearted hospitality breaking out from among the chills and gloom of winter, and old age throwing off its apathy, and catching once more the freshness of youthful enjoyment. I felt also an interest in the scene, from the consideration that these fleeting customs were passing fast into oblivion, and that this was, perhaps, the only family in England in which the whole of them were still punctiliously observed. There was a quaintness, too, mingled with all this revelry, that gave it a peculiar rest; it was suited to the time and place; and as the old manor house almost reeled with mirth and wassail, it seemed echoing back the joyfulness of long-departed years.

Profitable Business

"Young Lady (in drug store)—Five twos, please."

(Clerk hands them out.)

"Young Lady—Have them delivered, please. They're for mother and I'm going downtown for the day."

Good Literature

"It must be glorious to be put into a novel. Wouldn't you like that?"

"Yes. I guess it would be pretty nice. But I'm satisfied. I'm mentioned in Bradstreet."—Louisville Courier-Journal.

Farmers Like Direct Sales

The United Fruit companies of Nova Scotia (Ltd.), a co-operative society of orchardists and farmers throughout the Annapolis valley, have opened a store in Halifax and will sell butter, eggs, vegetables, apples and other country produce direct from the farms to the consumer.

LOCOMOTIVE OF THE FUTURE



Will Have a Total of Four Sets of Engines, Each Driving a Group of Eight Coupled Wheels.

MONSTER OF THE RAIL

FUTURE LOCOMOTIVE WILL BE A VERITABLE GIANT.

Engineers Have Been Called On to Deal With Problem, and Have Achieved Results That Are Momentous.

When the huge multiplex Mallet engine was put to work on the Erie railroad, many thought that the limit of locomotive dimensions had been reached, but our engineers say "No." The output of the locomotive engine must be increased. Labor unions give us no rest, and the cost of wages and material is constantly rising. Apparently nothing will stop it, and the only way to meet the situation is by handling the traffic in larger and larger units. By this means, and by this only, can the enormous advance in the price of labor and material be met without a proportionate increase in rates, both freight and passenger.

One of the greatest difficulties encountered by engineers who are called upon to design powerful locomotives arises from the fact that the track gauge of our railways cannot be changed. Whether Stephenson's gauge of four feet eight inches is the best gauge is open to question. Brunel thought otherwise, and in 1825 he laid the track of the celebrated Great Western railway (England) to a gauge of seven feet; but the obvious necessity of a uniform gauge for English railroads gradually forced the conversion of the Great Western railroad to the standard gauge, although George Stephenson himself admitted at the time that five feet two inches would have been a better gauge than four feet eight inches. Other eminent engineers gave their opinion that the standard gauge was too narrow for the proper development of the locomotive, and that a gauge of from five to six feet would have been preferable. However that may be, the standard gauge is here to stay, and not only this, but the clearance limits of platforms, bridges and tunnels are rigid and unchangeable, therefore the only way in which the dimensions of a locomotive engine can be increased is in the direction of its length.

A bold solution of this problem has been proposed by Mr. George H. Thomson, consulting engineer of the Baldwin locomotive works, by whose courtesy the leading particulars of this remarkable design are here published.

By referring to the accompanying illustration, giving a general outline of the engine (some details being not yet fully worked out), it will be seen that the dimensions of this future locomotive are beyond anything hitherto placed on wheels. It will be remembered that the largest and most powerful locomotive in the world is the Erie engine already referred to. To compare this engine with the proposed locomotive now under consideration we will repeat some of the dimensions. The Erie engine with its steam tender weighs 853,000 pounds. The total wheel base measures 90 feet, and the tractive effort is 160,000 pounds.

Like the Erie locomotive design includes a pair of cylinders placed under the tender, but with the addition of a third pair under the locomotive proper, thus making a total of four sets of engines, each set driving a group of eight coupled wheels all of which are 60 inches in diameter. This locomotive will be known as the "Quadruplex," or 2-8-8-S-2 type.—From the Scientific American.

Shutting Out the Light

There are penitentiaries in some of our states which prevent prisoners from writing to their friends more than one letter a week—in some penitentiaries the rules may be even stricter. There is no limit to the number of letters a prisoner is allowed to receive, but they must be confined strictly to "business or personal matters." No newspapers or periodicals are allowed to be received unless sent direct from publishers. It may be good policy to put some men behind bars and shut out physical light from them, but how the state can benefit by shutting out light from the minds of these prisoners we do not pretend to know. Perhaps some penitentiary warden can tell us. Here is a real subject for prison reformers.—Collier's.

Samples for Grading Resin

In connection with the naval stores investigations carried out by the United States bureau of chemistry, durable and accurate practical type samples for grading resin at the still have been made of colored glass, and sets of these samples have been deposited with various trade bodies. Hereafter they will be sold at cost to anybody desiring them. These samples have been adopted as official by all organizations having control of naval stores in this country, and also recognized by law in the state of Florida.—Scientific American.

Tonsillitis From Bad Water

That enlarged tonsils are generally due to drinking impure water is the contention of Dr. F. Lucas Benham of Exeter, South Australia. He says that in every case he has seen the child was a great drinker of water from the faucet and that whenever he has been able to get filtered or boiled water substituted his patients have improved and their attacks have become rarer.

Orchids From Burma

Burma is exporting orchids to the United States.

TRAIN HAS GREAT RECORD

"Empire State" Has Covered a Distance Equal to Fourteen Round Trips to Moon.

The Famous Empire State Express of the New York Central, the first regular long-distance train in America to run at more than fifty miles an hour, including stops, has begun its twenty-fifth year. It has covered a distance of 6,518,600 miles, equal to fourteen round trips to the moon, and has carried approximately eight million passengers safely to their destination. The record during these 24 years has been a remarkable one. Not one of its passengers has been fatally injured. One of its engineers for sixteen years was Dennis J. Cassin, who last year was awarded the Harriman bronze medal in recognition of his unblemished record of safety.

When the Empire State express was first placed in service it weighed only 280 tons; now it weighs 780 tons. It was drawn by engines of the "8700" class, and later by the famous "990," the locomotive that took the prize at the Chicago world's fair. Nowadays that locomotive looks like a toy in comparison with the giant Pacific type and it could hardly start the train, much less haul it on its fast schedule.—Railway Age-Gazette.

Alaska Railroad Progresses

Thomas Riggs, Jr., a member of the Alaskan railway commission, recently arrived in Seattle, Wash., where he stated that, if congress appropriates \$9,000,000 annually for three years, the line from tidewater, at Seward, to Fairbanks, can be completed in that time. Mr. Riggs says the surveys are completed and eight miles of road-bed have been graded, and track will be laid within the next thirty days. "There is very little hard rock work along the whole route," says Mr. Riggs. "The maximum grade is but one per cent. Fairbanks needs this road to get at the coal in the Neenah fields. The main deposit extends over a district 20 miles long and 15 miles wide. I saw veins 40 feet thick. Mining near Fairbanks should see great development as soon as this coal can be laid down ready for the operators."

Bridges Expand in Summer

Bridges expand and get larger in summer, and shrink in the shade or at night or in the winter. The rule is that heat makes everything expand, and cold makes everything shrink. Cold is nothing but absence of heat. So we may say that everything contracts or expands according to the amount of heat in it. Metals have a most noticeable way of changing their size under the influence of heat. So when bridges are built of iron and steel the engineer has to allow for the change in the bridge's length. After he reckons on the amount of expansion he builds the bridge so that it has room to grow a little longer in the summer.

Flowers for All Ages

The rich little maid will march from her cradle to her grave through a continuous avenue of flowers. The rich little boy will go through life accumulating florists' bills as a result of it. When baby is born flowers from all mother's friends, her first birthday brings a shower of flowers, and at every birthday after that until she reaches the time when she no longer celebrates them, more flowers. As a debutante she is a social bud surrounded by several wagonloads of flowers. When a bride she is very nearly smothered in the boxes sent from the florists, and so on until finally her coffin is entirely hidden by flowers.

Cutting It Short

"Judge, I wished to make affidavit that I killed a snake last week that was nine feet long. I killed this snake in a field back of my barn. I killed it with a hoe when I purchased in the spring of 1910. I was born—"

Improved Type of Cars

Cars of a new type, with a capacity of 70 tons, are being placed in service by the Pennsylvania for hauling pipe of the National Tube company, 770,000 pounds having recently been shipped on these for export, consigned to the United States Steel Products company for the Oil Well Supply company.

Would Change Fiscal Year

Most of the American railways, according to a recent investigation, are in favor of changing the fiscal year from June 30 to December 31. Among 200 railways, operating 271,357 miles of railroad, only 17 per cent. is stated, voted to maintain the present arrangement.

Important Russian Line

A railroad, about five hundred miles long, has just been completed which will serve the richest mining and agricultural regions of Siberia.

Possibilities Are No More

It used to be considered hugely humorous in the old home village to say of some bow-legged man that he could not stop a pig in an alley. But nowadays bow-legged men so vastly outnumber swine that it is impossible to try the experiment in more than a comparatively few cases.

Convenient Parachute

A parachute for aviators that has been invented in England is compact enough to be worn in a helmet, ready for instant use.

ORGANIZATION OF BOYS IN FOOD CITY

LIFESAVING SCOUTS IS NAME OF NEWEST MOVE FOR SAFETY.

WILL KEEP HIGHWAYS CLEAN

Iron Scraps and All Junk Endangering Motorists, Horses and Pedestrians Will Be Collected By Boys.

Battle Creek—The Lifesaving Scouts is the name of a new boys' organization formed here Saturday night by the Salvation Army to undertake a mission entirely new to Battle Creek, if not the world at large.

The duty of the boys will be to gather all iron scraps, nails, pieces of bottles and other glass, wire and, in fact, all kinds of junk likely to be a menace to motorists, pedestrians and horses. The junk will be placed on exhibition and will eventually be sold for what it is worth, although it is figured this will be a small item. The organization is bound to become popular with the automobile association, as the boys will make a thorough campaign to keep the street free of pieces of metal and glass dangerous to tires.

Prizes will be awarded to the boys bringing in the largest amount of spoils and those who bring in the most unique specimens. First awards will be made at a supper to be given New Year's eve.

The Lifesaving Scouts are organized with an initial membership ranging in age from 8 to 15 years.

FOUR MINERS ARE KILLED

Two Accidents at Ironwood Within Short Period of Time.

Ironwood—Four miners were killed, and two seriously injured in two industrial accidents in this vicinity within a short time of each other.

The accidents occurred in the Norria mine, operated by the Oliver Mining company's shaft. In the former mine, Mike Caddy and Hoski Matala were killed and Mike Braila seriously hurt.

Peter Basimik and Mike Zamrodil lost their lives in the Norwood mine and Thomas Harris was injured when a section caved in.

Award Contract for Monument

Hastings—The Barry County Pioneer society has awarded to John Young of Hastings, the contract for building the monument which the society will erect upon the site of Moreau's trading post at Bull's Prairie, four miles west of this city. This post, which was owned by the American Fur company, was erected in 1828. It stood on a picturesque bluff overlooking the Thornapple river. Imbedded in it will be a bronze tablet showing the trading post. The tablet was designed by J. E. McCoy of Detroit.

Carr Gets Better Position

Cadillac—O. E. Carr, for the past 21 months Cadillac's city manager, has been appointed city manager of Niagara Falls, New York, at a salary of \$6,000. He received \$3,000 in Cadillac. Coming to Cadillac as the first manager under the new form, Mr. Carr has made a splendid record and has won favor here for the commission form of government. His successor has not yet been chosen, and won't be until the recently elected city commission takes office, January 1.

To Debate Compulsory Service

Alma—Whether or not every male citizen of the United States should be compelled to serve a stipulated time in the state militia is the question to be debated by the three colleges composing the triangular debating league, the third week in March. The three colleges composing the league are Hope, Olivet and Alma. Each chooses two teams, one to debate at home and one at one of the other colleges.

MICHIGAN NEWS ITEMS

The Menominee Water Co. has accepted the offer of the city to sell the municipal water works for \$200,000.

The Saginaw County Wild Life Conservation association met Friday night with Wm. B. Mershon, of Saginaw, president of the Michigan Wild Life Conservation association, and Hugh B. Gilbert, of Flint, secretary of the state organization, to arrange for the next annual sportsmen's show and convention of the sportsmen of the state, to be held in Saginaw February 23, 24 and 25.

Mary Jane Reed, Negress, who was a slave before the civil war, is dead at the county infirmary at Grand Rapids, at the age of 110 years. She had been at the infirmary 19 years, and her constant companion was an old clay pipe.

H. R. Pratt, former deputy auditor general of Michigan and for more than 30 years secretary of the W. C. T. U. association, controlling the Presbyterian resort of the same name near Harbor Springs, died Wednesday in Lansing. Mr. Pratt was 77 years old.

Grain shipments from the middle west through Ludington have been halted because of a shortage of cars to carry the grain to the eastern markets. Grain shipments last month totalled 875 cars, as compared with 450 a year ago.

Elder William Herd, of the Kalamazoo Seventh Day Adventist church, has resigned his pastorate to fight the white slave traffic. Elder Herd declares he has quit the pulpit in order to not bring reflection on his church associates for anything he might do or say.

MICHIGAN NEWS BRIEFS

County Agent C. L. Coffeen reports that Lenawee county is practically free of hog cholera.

Rev. Lewis P. Kopp, of Washington, has accepted a call issued by the First Church of Christ of Adrian.

Kalamazoo will get the next biennial convention of the National Order of "Gleaners," which will be held in January.

Action has been taken by the Adrian school board whereby school girls of the city will be given an opportunity to learn to swim.

A movement has been started at Ludington to organize a Chamber of Commerce with a pledged support of \$5,000 a year for three years.

Michigan Medical Association will meet at Houghton the second week in August, 1916, the Houghton County Medical association has announced.

Erant men have formed a \$10,000 stock company to manufacture an electric bean-picker invented by Harry Curtis, 18 years old, of Dighton.

A road bee was held Tuesday a half mile west of Wadhams by farmers not residents of that place, on the Lapeer avenue road to repair a stretch of sandy road.

The president has announced three Michigan postoffice appointments: Mauchester, Frank H. Koebe; Baldwin, Thomas Henderson; Burr Oak, Gay E. Hackman.

Albion's publication, as determined by a one hour's census by school children under direction of W. J. McKone, superintendent, is 7,959, an increase of 34.8 per cent since 1910.

Eaton Rapids' \$30,000 paving program for this year is completed, is likely to be repeated next year. Petitions for the expenditure of a similar amount are already being circulated.

After several years' work, the Cornum W. R. has obtained funds enough to erect a memorial to the sailor and soldier dead. The tablet will be erected on the court house square.

Duncan C. Matheson, for 40 years a resident of Roscommon, dropped dead while entering his home. He was the father of W. Ray and D. Eugene Matheson, publishers of the Roscommon Herald-News.

Harry, the six-year-old son of E. E. Cameron, teller in the Commercial bank of Bay City, was fatally injured when struck by a motor car, the wheels of which passed over his head.

Six stores were burglarized in Chelsea Thursday morning. A small sum of money was obtained in each place. The glass was broken in the front doors. A man was seen to leave one store at 4:45 o'clock.

Hereafter the prisoners in the Bay county jail will have to buy their own tobacco. The county has been supplying it at a cost of \$10 to \$15 a month, but the county auditors have decided to cut it out.

In the municipal election at Grand Rapids, Monday, B. H. Custer was elected commissioner for three years over C. M. Hunt; C. A. Collier, justice, long term; Samuel P. Savage, justice to fill vacancy.

Among the state roads and trunk line roads being built in Benzie county is the north shore boulevard around Crystal lake, which will connect Benah, Benzon and the Congregational summer assembly's grounds at the west end of the lake and will be one of the beautiful drives of the state.

The twelfth annual show of the Oakland County Poultry Breeders' association will be held in the Light Guard armory in Pontiac the week of January 10-17. All premiums will be paid in cash this year. The entries are the largest in the history of the organization. Hundreds of Detroit birds will be shown this year.

Big plans have been laid by the Central Michigan Poultry association for its second annual poultry show, which is to be held in Alma January 25 to January 28. It is expected that the show will be by far the largest ever held in this section of Michigan. Fifteen silver cups have already been secured and more are expected.

Local option forces of Arenac county served a mandamus on the board of supervisors Thursday, through their clerk and chairman, to show cause why petitions for submission of the local option question at the spring election by the board which refused to submit them. The question will be argued before Judge Sharpe next week.

Governor Ferris, in an address at the new \$25,000 nurses' building at the Michigan Soldiers' home at Grand Rapids, Tuesday, declared he believed young persons should be educated to the fact that too much attention is not paid to old soldiers. The governor expressed sympathy for women sufferers in the European war. The building was presented by General George Stone, a member of the state board.

A writ of certiorari for reviewing Judge Collingwood's decision denying Ingham county writs a mandamus to compel the county clerk to call a local option election in April was granted Wednesday by the supreme court.

A pet dog saved the lives of Mr. and Mrs. Schwab and their baby of Traverse City, when the trio went through the ice while crossing Clam lake. The dog's barking attracted a neighbor who succeeded in rescuing the victims with a long pole after they had nearly perished in the cold water.

The manufacturing photo engravers of Michigan formed a state organization at a meeting held at Battle Creek. Fred W. Gage, of Battle Creek, was chosen president and E. C. Towner, of Detroit, secretary-treasurer.

Some time in January there will be a meeting in Lansing of representatives from all Michigan organizations interested in fire prevention and forest conservation. The purpose will be to secure co-operation on the part of all individuals and associations in the work of forestation and fire prevention in the state's timber districts.

DANIELS ASKS FOR HALF A BILLION

ADDS HUGE SUM TO EXPENDITURES PROPOSED BY GENERAL BOARD.

RADICAL CHANGES FAVORED

Secretary of Navy in Annual Report Gives Details of His Five-Year Program of Enlargement.

Washington—Details of the half-billion-dollar navy building program under the five-year continuing plan recommended to congress are contained in the annual report of Secretary Daniels, made public Sunday night.

The report shows that for the first time in the history of the department the secretary's recommendations increase the expenditures proposed by the general board.

The five-year program for new ships and completion of those already authorized reaches a grand total of \$502,482,214, with large appropriations for reserve ammunition and aviation. Secretary Daniels differed from the general board in one important particular at least as to the program although the total number of ships to be constructed and the types recommended are those proposed by the board.

The full total of the navy budget for the year is \$217,652,174, all but \$132,280,047 of which will go for ships now under construction or to be authorized. The remainder contemplates the increased personnel and general running expenses of the navy afloat or ashore.

The secretary comments at length on the need of battle cruisers of the proposed 35-knot type. The events of the European war are recounted to show the part these craft have played and the reasons for including six of them in the building program. As to the battleship of the future, the secretary says the suggested vessels are of much greater displacement and heavier armament than anything heretofore contemplated for any navy.

The department is now discussing plans for ships of 38,000 tons and armed with 16-inch or perhaps 17-inch guns. The secretary says the plan has not yet been approved, but his estimates are based on ships to cost \$15,000,000 each, which would allow for the increased size.

Secretary Daniels takes another radical step in his report in urging that the present system of promotion of officers by seniority be abandoned in favor of promotion by selection. He goes at length into the details of the seniority system to find that it produces "stagnation in the lower grades, arrival at command rank late in life and a fleeting passage through command and flag grades combined with absolute lack of professional incentive throughout all grades."

Plan City Hall for Jackson

Jackson—The city commissioners of Jackson have determined to advertise for tenders of sites for a city hall, which the taxpayers later on will be asked to erect through a bond issue.

Jackson's administrative offices have always been in rented quarters, and are not up to the requirements of the business of the municipality. It is claimed, hence the desire on the part of the commissioners for a permanent and adequate city hall.

Mayor of Ann Arbor Dead

Ann Arbor—Mayor Charles Sauer died Sunday night at St. Joseph's hospital from typhoid fever. Mayor Sauer had served less than a year of his term, having been elected at the last city election on the republican ticket. He was a prominent business man, being the head of Charles A. Sauer & Co. lumber merchants. He had lived in Ann Arbor practically all his life, and is survived by a widow and four children.

STATE NEWS IN BRIEF

Representatives of the West Michigan Pkto association in session at Traverse City planned to incorporate under the laws of Michigan that the body might be better able to carry on its work. Twenty-eight directors were named, two from each county through which the pike runs.

The Michigan Experiment association has announced that it will award a series of prizes to M. A. C. short course students who show the most ability in judging grain. The prizes will be in the shape of awards of pedigreed or pure strains of oat and wheat and improved corn for planting purposes.

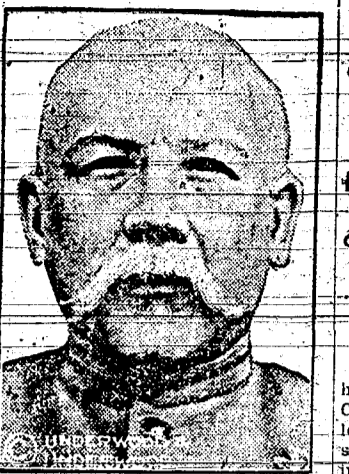
William Claspell, an Ypsilanti butcher, who was brought to county jail at Ann Arbor Thursday pending examination on charges of seven girls under 14 years old, killed himself in his cell Thursday night.

An application has been filed by the Independent and the Michigan State Telephone companies for an almost complete interchange of properties in Ottawa, Newaygo, Muskegon, Lake, Manistee, Oceana and Mason counties. The railroad commission will act on the application following a hearing December 16.

Alleging that she was internally injured and her sight affected as the result of a collision between two Flint-Detroit interurban cars on the D. U. R. near Rochester, Mrs. Mary Ferguson has started suit at Flint against the railway company for \$10,000.

Agricultural agents from the various counties will meet at the Agricultural college December 6 and 7, for a general conference. The sessions will be devoted to a general review of the agricultural work and progress in various Michigan counties during the year.

CHINA MADE MONARCHY BY LESS THAN 2,000 VOTERS



YUAN SHI KAI.

Peking—Dr. Yuan Shi Kai, president of China, has accepted the throne tendered him by the council of state.

Acting as a parliament, the council of state Sunday canvassed the vote on the question of a change in the form of the government of China to a monarchy and found that the votes of 1,993 representatives out of 2,043 qualified to vote on the proposition were favorable to the change.

The council of state immediately sent to Yuan Shi Kai a petition urging him to accept the throne. He declined at first, but when the petition was forwarded to him a second time he accepted, with the provision that he would continue to act as president until a convenient time for the coronation.

SCHOOLS HELP T. B. C. FIGHT

Grand Traverse Superintendent Tries Out Plan Proposed By Mr. Keeler With Much Success.

Lansing—The anti-tuberculosis campaign in Grand Traverse county, which is now rapidly nearing an end, has been greatly aided by a system of talking tuberculosis in the public schools.

Superintendent Tyler of the Traverse City schools has to some extent borrowed the idea of a "Tuberculosis Week" to be held next spring all over the state by Superintendent Keeler, and if the success attendant upon it in Traverse City is any criterion, the plan of Mr. Keeler should be a huge help to the campaign.

During the last two weeks Mr. Tyler had all of the teachers give daily talks on tuberculosis, its causes, cure and prevention. Moreover, the county school commissioner has instructed all of the teachers in the rural schools in the county to do all they can to call attention to the fight that the state board of health is waging against tuberculosis. In Ottawa county, too, the public schools are concentrating to help keep up the work which the physicians started during the campaign in that section.

It is proving a hard problem to reach the rural schools with the plan of fighting tuberculosis, in the opinion of those who are out in the field at present. With the earnest co-operation of the commissioners of the mutual school systems, such as the campaigners have in Grand Traverse county, it is not so hard. To this end Dr. De Kleine, the head of the campaign, is going to send letters to the county school commissioners in each of the counties just before they are visited by the physicians and the nurses and ask them to carry the message for help to the various rural teachers. In this way it is thought that the campaign can be started and be at its height by the time the state crew arrives.

Haffner Freed By Court

Cassopolis—George Haffner, former cashier of the Lennan bank, was acquitted Friday afternoon of a charge of forgery preferred by E. Burdenny, of Dowagiac, who owned the Lennan bank at the time it was closed by the state bank examiner.

After hearing the evidence the judge took the case from the jury and directed a verdict of not guilty.

ITEMS OF STATE INTEREST

The board of supervisors of Arenac county passed resolutions condemning the work of the state tax commission in re-assessing the whole of this county, and favoring the abolition of the commission.

Springfield, Ill.—The state tax commission raised the tax rate of Illinois for the ensuing years 48 cents to 55 cents, because of extraordinary expense incident to the foot and mouth disease.

Horse-drawn fire apparatus will be abandoned at Owosso if the plans of the city commission carry. The commission will in the spring submit a proposed bond issue of \$30,000 to build a new fire station and to purchase motor apparatus.

Simon Mosier, 22, a farmer, near Dowagiac, is dead as the result of the accidental discharge of a shotgun. Mosier had climbed on a wagon seat to get a good aim at a rabbit. As he reached for his gun, it slipped and the full charge struck him in the face.

Max Roopecke, 30 years old, living near Unadilla, was killed Tuesday morning when he stumbled and struck his head against the wheel of a traction engine. Roopecke was assisting M. A. and David Sterile move their sawmill.

Thomas J. Hennessy, for years master mechanic of the Michigan Central railroad with headquarters at Jackson, and for the last 10 years holding a similar position over the divisions of the road centering at Bay City died at his home in that city Saturday.

GERMAN BARON IS INDICTED BY JURY

GEORGE WILHELM VON BRINCKEN ACCUSED WITH OTHERS AT SAN FRANCISCO.

IS ATTACHE OF CONSULATE

Grand Jury Findings Involves Detective Employed By Consulate and a Woman Who Was His Assistant.

San Francisco—Baron George Wilhelm von Brincken, an attaché of the German consulate here; C. C. Crowley, a detective employed by the consulate, and Margaret Cornell, who was in Crowley's employ, were indicted Monday by the grand jury on two counts each.

The first count charges conspiracy to interfere with and destroy commerce between the several states of the union and the United States and foreign countries, the second charges use of the mails to incite arson, assassination and murder.

Dail was fixed at \$5,000 on each count in the indictments.

Baron von Brincken and Crowley were previously charged in commissioner's warrants with conspiracy to interfere with and destroy commerce. They had been on liberty on \$10,000 bail. The statute upon which the second count is based was discovered by Mrs. A. A. Adams, who at the time of her appointment was said to be the only woman deputy United States district attorney.

It was charged at the time of Crowley's arrest, November 6, that he was a directing agent in German plots to destroy by fire and dynamite ships bearing munitions to Great Britain, France and Russia. An explosion of a cargo of dynamite in Seattle harbor last May was charged to him by government agents.

Crowley's operations, the government charges, extended throughout the United States. That he conspired frequently with superiors in New York city and vicinity is also alleged.

POWDER FACTORY BLOWN UP

One Thousand Injured by Explosion in Belgian Works in France.

Havre—The authorities announce that the victims of the Belgium powder factory explosion at Gravelle St. Honorine Saturday will number about 1,000. It is stated that the number of killed is not large but it is feared that many will die of their injuries.

It was impossible to approach the wreckage for four hours after the first explosion. At the time of the blast 1,500 Belgians were at work in the factory.

An investigation of the cause of the explosion has been started. There are rumors that it was spies' work. Almost every window in Havre was smashed by the force of the blast.

American Chinese Oppose Monarchy

San Francisco—The Chinese quarter here went on record today as being opposed to the reversion of China from a republic to a monarchy, and decided to resist strenuously the proposed change in government.

A mass meeting of protest was held by Tong King Chong, president of the Chinese Republic association, and a former member of the Chinese senate.

It was decided to solicit subscriptions from Chinese in all parts of the world to finance a revolution. A large sum was said to have been subscribed.

All Villa Soldiers Are Shot

Douglas, Ariz.—No quarter was given Villa soldiers in the battle which started Thursday morning at Fronteras, continued northward to San Jaquin and then east through a mountain pass into Chihuahua, according to Americans who arrived here Sunday from the south. All Villa soldiers taken prisoners were shot by order of General P. Elias Calles and General Angel Flores, governors of Sonora and Sinaloa, respectively, according to the travelers.

TELEGRAPHIC FLASHES

Cincinnati—One man was shot and killed and two others badly wounded in an attack by five unidentified men here on a squad of non-union painters who were at work on a new annex to a local hospital.

Washington—Bills for an \$11,000,000 government armor plate factory were introduced in both houses of congress Friday by Chairman Tillman of the senate naval committee and Representative Tamm of Illinois.

Erie, Pa.—Fire which early Friday destroyed three Anchor line grain elevators bulging with 550,000 bushels of grain consigned to the allies, brought state and government investigators to the scene to run down reports that pro-German incendiaries started the blaze. The loss is placed at \$750,000.

Washington—Eliseo Arrendondo, General Carranza's confidential representative in Washington, has been selected to be the next ambassador from Mexico to the United States.

Washington—The quantity of food stuffs sent by the United States to feed the rest of the world during the first ten months this year was more than double that in the same period of 1914. Statistics of the department of commerce show the value of food stuffs exported during the ten months was almost \$779,000,000, compared with \$318,000,000 last year.

LANSING NOTES

Governor Favors Cure in Prisons

If Governor Ferris succeeds in carrying into effect a scheme he has had in mind for several months—a "dope cure" will be a part of the treatment administered in the various state prisons to every inmate who has been addicted to the use of alcohol or drugs.

Investigation by the governor and the members of the pardon board has furnished conclusive evidence that "booze" and "dope" in a great many cases were responsible for the prisoners' downfall, and the records of the pardon board show that many men who are paroled after a few years in the state penitentiary are returned as parole violators simply because they had never been cured of the drug or alcohol habit.

At the present time it is practically impossible for an inmate of a Michigan prison in Michigan to obtain either drugs or whiskey, although a few years ago that "dope" was circulated with considerable freedom in Jackson, and other institutions had trouble in keeping cocaine outside the walls of the prisons.

Governor Ferris says that men who have been heavy drinkers for years or habitual users of drugs should receive medical treatment during the first year of their imprisonment, and he believes that when they have served their time they will be less apt to return to their old habits. Many men placed on parole have thought themselves cured simply because they had been unable to indulge during their term in prison, but once on the outside they have been unable to resist temptation and have been returned as parole violators.

The governor is expected to urge upon the various wardens that they give this proposition a trial and if it proves successful it is probable that the legislature will be asked to provide sufficient funds to carry it out on an extensive scale. It is the governor's theory that inasmuch as the state puts a man in prison to punish him for a crime that it should take some steps to assist him in avoiding the cause of his trouble when he is again thrust upon society.

Protection At Low Cost

Subscribers to the accident fund of the Michigan state insurance department have voted to pay an additional 10 per cent dividend, making a total of 20 per cent on premiums for policies adjusted during the year beginning October 1, 1914. Reports of officers showing that the fund was still providing accident protection to employers of labor at a low cost, it was voted to continue the same charges in force the past year. The question of paying dividends to subscribers on withdrawal was discussed, and it was voted not to make such payment.

Charles A. Bigelow, of Bay City, re-elected president, and Robert K. Orr, secretary. The advisory board includes Mr. Bigelow as chairman, Nicholas H. Battles, Grand Rapids; Otto Miesch, Detroit; William J. Orr, Bay Port; C. F. Tietze, Detroit; C. H. Kimball, Muskegon; H. A. Douglas, Detroit; W. W. Hanson, Grayling; Emanuel B. Fuller, Ford River, and C. S. Wilcox, Lansing.

The total assets of the fund at the close of the past year's business amounted to \$118,725.28; liabilities, \$88,517.16; surplus, \$31,908.11. On November 30, 1915, there were 650 certificates in force.

Must Use Red Cars

State Oil Inspector R. B. Barron of Howell, has issued orders that all gasoline cans must be repainted a bright red, the order to take effect January 1.

The so-called "red can" law went into effect in 1909, and for a time it was observed by dealers and others using gasoline. Inspector Barron says, however, that now some of the cans painted years ago resemble more their original color than red and that as a result many accidents, sometimes resulting in deaths, is the result. He states that apparently many dealers in gasoline in Michigan are unaware of the law that compels them to paint red all receptacles in which gasoline is used.

Violations have become so numerous that it is in the interest of public safety to see the law is rigidly enforced and I have issued orders that every can used for holding gasoline must receive a fresh coat of red paint by January 1. Several persons have lost their lives during the year because the law was not enforced.

Glass of Hot Water Before Breakfast a Splendid Habit

Open sluices of the system each morning and wash away the poisonous, stagnant matter.

Those of us who are accustomed to feel dull and heavy when we arise, splitting headache, stuffy from a cold, foul tongue, nasty breath, acid stomach, lame back, can, instead, both look and feel as fresh as a daisy always by washing the poisons and toxins from the body with phosphated hot water each morning.

We should drink, before breakfast, a glass of real hot water with a teaspoonful of limestone phosphate in it to flush from the stomach, liver, kidneys and ten yards of bowels the previous day's indigestible waste, sour bile and store, but is advised to cleanse, sweetening and purifying the entire alimentary tract before putting more food into the stomach.

The action of limestone phosphate and hot water on an empty stomach is wonderfully invigorating. It cleanses out all the sour fermentations, gases, waste and acidity and gives one a splendid appetite for breakfast and it is said to be but a little while until the roses begin to appear in the cheeks. A quarter pound of limestone phosphate will cost very little at the drug store, but is advised to those anyone who is bothered with biliousness, constipation, stomach trouble or rheumatism a real enthusiast on the subject of internal sanitation. Try it and you are assured that you will look better and feel better in every way shortly.

DRINK MORE WATER IF KIDNEYS BOTHER

Get less meat and take Salts for Backache or Bladder trouble—Neutralize acids.

Uric acid in meat excites the kidneys, they become overworked, get sluggish, ache, and feel like lumps of lead. The urine becomes cloudy; the bladder is irritated, and you may be obliged to seek relief two or three times during the night. When the kidneys stop working you must then flush out the body's urinous waste or you'll be a real sick person shortly. At first you feel a dull misery in the kidney region, you suffer from backache, sick headache, dizziness, stomach gets sour, tongue coated and you feel all sorts of twinges when the weather is bad.

Get less meat, drink lots of water, also get from any pharmacist four ounces of Jad Salts; take a tablespoonful in a glass of water before breakfast for a few days and your kidneys will then act fine. This famous salt is made from the acid of grapes or lemon combined with alkali and has been used for generations to clean clogged kidneys and stimulate them to normal activity, also to neutralize the acids in urine, so it no longer is a source of irritation, thus ending bladder weakness.

Jad Salts is inexpensive, cannot injure, makes a delicious effervescent lithia-water drink which everyone should take now and then to keep the kidneys clean and active. Druggists here say they sell lots of Jad Salts to folks who believe in overcoming kidney trouble while it is only trouble.

LADIES! SECRET TO DARKEN GRAY HAIR

Bring back color, gloss and thickness with Grandma's recipe of Sage and Sulphur.

Common garden sage brewed into a heavy tea, with sulphur and alcohol added, will turn gray, streaked and thinning hair beautifully dark and luxuriant, remove every bit of dandruff, stop scalp itching and itching hair, bring the Sage Tea and Sulphur recipe at home, though, is a troublemaker. An easier way is to get the ready-to-use tonic, costing about 50 cents a large bottle, at drug stores, known as Wyeth's Sage and Sulphur compound, thus avoiding a lot of fuss.

While many gray-faded hair is not useful, we all desire to retain our youthful appearance and attractiveness. By darkening your hair with Wyeth's Sage and Sulphur, no one can tell, because it does it so naturally, so evenly. You just dampen a sponge or soft brush with it and draw this through your

Convertible Coat of Sealette



One of the handsome long coats of plush which dealers prefer to call by its new name—"fur-fabric"—is shown in the picture above. It merits the consideration of the woman who wants a coat to serve many occasions, and is entitled to be called "Sealette," by which name the manufacturers have christened the fabric used in it. This is a rich, glossy plush of so dark a brown that it might be classed among the various blacks.

The coat is long, nearly covering the dress, and hangs almost straight at the front. It is semicircular at the back, but loosely adjusted to the figure. There are wide revers at the front which may be rolled forward when the turnover collar is brought up close about the neck. Large covered buttons, like the material of the coat, are used for fastening at the front, and one is set at each side of the back at the waist line.

The wide collar and deep cuffs of white fur are made separate and fastened to the coat when it is to do duty for evening or dressy afternoon wear. They are not intended for the workaday world of every day, but to convert a very practical coat into a rich-looking garment suited to special occasions. There is nothing

more durable than a coat of this kind in a good quality of the handsome pile fabric used for making it.

With the addition of the white fur collar and cuffs, white gloves and white-and-black shoes are donned, and a smart, dressy hat finishes a toilette quite up to the demands of full dress.

Dresses for Girls

High-waist-line are the rule for the little girls' thin dresses. Like grown-up dresses, the skirts of these dresses are very flaring and frilly.

The skirts of tulle and chiffon dresses or those of lingerie, batiste or very thin silk are often finished at the hem with three little ruffles. These are only about three or four inches in width and are not gathered very full. A piece of edging is used often instead of lace to finish them, or a very narrow satin ribbon, perhaps, in a double lengthwise stripe.

Little puffed sleeves that come only halfway to the elbow are considered very correct, and they go well with the general empire contour of the gown.

In linen dresses the empire waist line has a belt of the same that has a slot inset in the middle of it of another color.

Something New in Neckwear



Something new in neckwear has lately been added to the array of crisp and dainty pieces that came in with the fall season. The new arrivals are made of the same materials but have taken their cue from the high collars of wraps and street gowns, and their foundation is a band, fitting close about the neck, and as wide as it can be worn.

To this band of thin material, wings, tabs, and flaring pieces are added in a variety of shapes and finish that seems unlimited. Fine embroidery on sheer fabrics makes them elegant, but their crisp daintiness is a fragile quality, and hence it is necessary to replace them often, for it is just these qualities that they are expected to lend to the costume. Two good examples of these novelties are pictured here and they serve to show the essential features of all of them.

The design at the left might be made, apparently, from embroidered handkerchiefs. It is merely a fitted band of organdie finished at the edges with small buttonhole-stitched scallops and having a flaring piece of the same kind set on at each side. The surface is decorated with scattered embroidered dots and little flower sprays.

Braid Embroidery

A fancy braid is being used a great deal to embellish designs on table runners and cushions. The braid comes in a variety of colors and is used in connection with herringbone, buttonhole, skeleton and many other embroidery stitches. A very good illustration of the effect the braid and various stitches give is noticed on a table runner of natural linen exhibited by an excellent shop. On either end a conventional floral design is stamped. The leaves and stems of

the flowers are covered with the green braid. The petals of the flowers are worked in yellow skeleton stitches, while the centers of the flowers are filled in with brown French knots.—Boston Herald.

Discouraging

The woman who marries a man to reform him must be discouraged to see how much work one small specimen requires when an evangelist can arise and have them all by the hundreds.

CHRISTMAS AT BRACEBRIDGE HALL

HERE IS A DELIGHTFUL DESCRIPTION OF AN OLD ENGLISH CHRISTMAS CELEBRATION, TAKEN FROM THE "SKETCH BOOK," WRITTEN NEARLY A HUNDRED YEARS AGO BY WASHINGTON IRVING.

It was a brilliant moonlight night; but extremely cold; our chaise whirled rapidly over the frozen ground; the post-boy smacked his whip incessantly and a part of the time his horses were on a gallop. "He knows where he is going," said my companion, laughing, "and is eager to arrive in time for some of the merriment and good-cheer of the servants' hall. My father, you must know, is a bigoted devotee of the old school, and prides himself upon keeping up something of old English hospitality. He is a tolerable specimen of what you will rarely meet with nowadays in its purity, the old English country gentleman; for our men of fortune spend so much of their time in town, and fashion is carried so much into the country, that the strong rich peculiarities of ancient rural life are almost polished away.

"My father was always scrupulous in exacting his holidays, and having us around him on family festivals. He used to direct and superintend our games with the strictness that some parents do the studies of their children. He was very particular that we should play the old English games according to their original form; and consulted old books for precedent and authority for every 'merriment sport,' yet I assure you there never was pedantry so delightful. It was the policy of the good old gentleman to make his children feel that home was the happiest place in the world, and I value this choicest home-teaching as one of the dearest gifts a parent could bestow."

Queer Dinner Bell

I had finished my toilet and was loitering with Frank Bracebridge in the library, when we heard a distinct knocking sound, which he informed me was a signal for the serving up of the dinner. The squire kept up old customs in kitchen as well as hall; and the rolling-pin, struck upon the dresser by the cook, summoned the servants to carry in the meats and fixings.

"The dinner was served up in the great hall, where the squire always held his Christmas banquet. A blazing, crackling fire of logs had been heaped on, to warm the spacious apartment, and the flame went sparkling and crackling up the wide-mouthed chimney. On the sideboard was a display of plate that might have vied (at least in variety) with Belshazzar's parade of the vessels of the temple: "Diadems, cans, cups, beakers, goblets, basins, and ewers;" the gorgeous utensils of good companionship that had gradually accumulated through many generations of jovial housekeepers. Before these stood the two Yule candles, beaming like two stars of the first magnitude; other lights were distributed in branches, and the whole array glistened like a firmament of silver.

"We were ushered into this banquet-hall scene by the sound of merriment, the old hamper being seated on a stool beside the fireplace, and twanging his instrument with a vast deal more power than melody. Never did Christmas board display a more goodly and gracious assemblage of countenances; those who were not handsome were, at least, happy; and happiness is a rare improver of your hard-favored visage.

Enormous Pig's Head

The parson said grace, which was not a short, familiar one, such as is commonly addressed to the Deity in these unceremonious days; but a long, courtly, well-worded one of the ancient school. There was now a pause, as if something was expected; when

suddenly the butter entered the hall with some degree of bustle; he was attended by a servant on each side with a large wax-light, and bore a silver dish, on which was an enormous pig's head, decorated with rosemary, with a lemon in its mouth, which was placed with great formality at the head of the table. The moment this pageant made its appearance the harper struck up a flourish; at the conclusion of which the young Oxonian, on receiving a hint from the squire, gave, with an air of the most comic gravity, an old carol.

Though prepared to witness many of these little eccentricities, from being apprised of the peculiar hobby of mine host, yet I confess, the parade with which so odd a dish was introduced somewhat perplexed me, until I gathered from the conversation of the squire and the parson that it was meant to represent the bearing in of the boar's head—a dish formerly served up with much ceremony and the sound of minstrelsy and song, at great tables, on Christmas day. "Like the old custom," said the squire, "not merely because it is so old and pleasing in itself, but because it was observed at the college at Oxford at which I was educated. When I heard the old song chanted, it brings to mind the time when I was young and gamesome, and the noble old college hall—and my fellow-students loitering about in their black gowns; many of them, poor fellows, are now in their graves!"

That Tiresome Parson

The parson, however, whose mind was not haunted by such associations, and who was always more taken up with the text than the sentiment, objected to the Oxonian's version of the carol, which he affirmed, was different from that sung at college. He went on, with the dry perseverance of a commentator, to give the correct reading, accompanied by sundry annotations, addressing himself at first to the company at large; but finally their attention gradually diverted to other talk and other objects, he lowered his tone as his number of auditors diminished, until he concluded his remarks in an undertone to a fat-headed old gentleman next him, who was slightly engaged in the discussion of a huge plateful of turkey.

The table was literally loaded with good cheer, and presented an epitome of country abundance, in this season of overflowing larders. A distinguished post was allotted to "ancient sirloin," as mine host termed it; being, as he added, "the standard of old English hospitality, and a joint of goodly presence, and full of expectation." There were several dishes quaintly decorated and which had evidently something traditional in their embellishments; but about which as I did not like to appear over-curious, I asked no questions.

Follows Old Customs

It would be tedious, perhaps, to my foolish fondness for odd and obsolete things, to which I am a little given, were I to mention the other make-shifts of this worthy old humorist, by which he was endeavoring to follow up, though at humble distance, the quaint customs of antiquity. I was pleased, however, to see the respect shown to his whims by his children and relatives; who, indeed, entered readily into the full spirit of them, and seemed all well versed in their parts; having doubtless been present

at many a rehearsal. I was amused, too, at the air of profound gravity with which the butter and other servants executed the duties assigned them, however eccentric.

The dinner-time passed away in this flow of innocent hilarity; and though the old hall may have resounded in its time with many a scene of broader rout and revel, yet I doubt whether I ever witnessed more honest and genuine enjoyment. How easy it is for one benevolent being to diffuse pleasure around him; and how truly is a kind heart a fountain of gladness, making everything in its vicinity to freshen into smiles; the joyous disposition of the worthy squire was perfectly contagious; he was happy himself, and disposed to make all the world happy, and the little eccentricities of his humor did but season, in a manner, the sweetness and philanthropy.

The Children's Games

After the dinner table was removed, the hall was given up to the younger members of the family, who, prompted to all kinds of noisy mirth by the Oxonian and Master Simon, made its old walls ring with their merriment, as they played at romping games. I delight in witnessing the gambols of children, and particularly at this holiday season, and could not help stealing out of the drawing room.

I found them at the game of blind-man's bluff. Master Simon, who was the leader of their revels, and seemed on all occasions to fulfill the office of that ancient potentate the Lord of Misrule, was blinded in the midst of the hall. The little beings were as busy about him as the mock fairies about "Palsam"; pinching him, plucking at the skirts of his coat, and tickling him with straws. One fine blue-eyed girl of about thirteen, with her hair drawn all in beautiful confusion, her frolic face in a glow, her frock half torn off her shoulders, a complete picture of a romp, was the chief tormentor; and, from the slyness with which Master Simon avoided the smaller game, and hemmed this wild little nymph in corners, and obliged her to jump shrieking over chairs, I suspected the rogue of being not a whit more blinded than was convenient.

For my part I was in a continual excitement from the varied scenes of whimsy and innocent gaiety passing before me. It was inspiring to me to see wild-eyed frolic and warm-hearted hospitality breaking out from among the chill and gloom of winter, and old age throwing off its apathy, and catching once more the freshness of youthful enjoyment. I felt also an interest in the scene, from the consideration that these fleeting customs were passing fast into oblivion, and that this was, perhaps, the only family in England in which the whole of them were still punctiliously observed. There was a quaintness, too, mingled with all this revelry, that gave it a peculiar zest; it was suited to the time and place; and as the old manor-house almost teemed with mirth and wassail, it seemed echoing back the joviality of long-departed years.

Profitable Business

Young Lady (in drug store).—Five twos, please.
(Clerk hands them out.)
Young Lady.—Have them delivered, please. They're for mother and I'm going downtown for the day.

Good Literature

"It must be glorious to be put into a novel. Wouldn't you like that?"
"Yes, I guess it would be pretty nice. But I'm satisfied. I'm mentioned in Bradstreet."—Louisville Courier-Journal.

Farmers Make Direct Sales

The United Fruit companies of Nova Scotia (Ltd.), a co-operative society of orchardists and farmers throughout the Annapolis valley, have opened a store in Halifax and will sell butter, eggs, vegetables, apples and other country produce direct from the farms to the consumer.

LOCOMOTIVE OF THE FUTURE



Will Have a Total of Four Sets of Engines, Each Driving a Group of Eight Coupled Wheels.

MONSTER OF THE RAIL

FUTURE LOCOMOTIVE WILL BE A VERITABLE GIANT.

Engineers Have Been Called On to Deal With Problem, and Have Achieved Results That Are Momentous.

When the huge multiplex Mallet engine was put to work on the Erie railroad, many thought that the limit of locomotive dimensions had been reached, but our engineers say "No." The output of the locomotive engine must be increased. Labor unions give us no rest, and the cost of wages and material is constantly rising. Apparently nothing will stop it, and the only way to meet the situation is by handling the traffic in larger and larger units. By this means, and by this only, can the enormous advance in the price of labor and material be met without a proportionate increase in rates, both freight and passenger.

One of the greatest difficulties encountered by engineers who are called upon to design powerful locomotives arises from the fact that the track gauge of our railways cannot be changed. Whether Stephenson's gauge of four feet 8 1/2 inches is the best gauge is open to question. Brunel thought otherwise, and in 1836 he laid the track of the celebrated Great Western railway (England) to a gauge of seven feet; but the obvious necessity of a uniform gauge for English railroads gradually forced the conversion of the Great Western railroad to the standard gauge, although George Stephenson himself admitted at the time that five feet two inches would have been a better gauge than four feet 8 1/2 inches. Other eminent engineers gave their opinion that the standard gauge was too narrow for the proper development of the locomotive, and that a gauge of from five to six feet would have been preferable. However that may be, the standard gauge is here to stay; and not only this, but the dimensions of the locomotive are here to stay, and are rigid and unchangeable, therefore the only way in which the dimensions of a locomotive engine can be increased is in the direction of its length.

A bold solution of this problem has been proposed by Mr. George P. Henderson, consulting engineer of the Baldwin locomotive works, by whose courtesy the leading particulars of this remarkable design are here published.

By referring to the accompanying illustration, giving a general outline of the engine, some details being not fully worked out, it will be seen that the dimensions of this future locomotive are beyond anything hitherto placed on wheels. It will be remembered that the largest and most powerful locomotive in the world is the Erie engine already referred to. To compare this engine with the proposed locomotive now under consideration we will repeat some of the dimensions. The Erie engine with its steam tender weighs 353,000 pounds. The total wheel base measures 90 feet, and the tractive effort is 160,000 pounds.

Like the Erie locomotive, design includes a pair of cylinders placed under the tender, but with the addition of a third pair under the locomotive proper, thus making a total of four sets of engines, each set driving a group of eight coupled wheels, all of which are 60 inches in diameter. This locomotive will be known as the "Quadruplex," or 2-8-8-8-2 type.—From the Scientific American.

Shutting Out the Light

There are penitentiaries in some of our states which prevent prisoners from writing to their friends more than once a week, and in some penitentiaries the rates may be even stricter. There is no limit to the number of letters a prisoner is allowed to receive, but they must be confined strictly to "business and family matters." No newspapers or periodicals are allowed to be received unless sent direct from publishers. It may be good policy to put some men behind bars and shut out physical light from them, but how the state can benefit by shutting out light from the minds of these prisoners we do not pretend to know. Perhaps some penitentiary warden can tell us. Here is a real subject for prison reformers.—Collier's.

Samples for Grading Resin

In connection with the naval stores investigations carried out by the United States bureau of chemistry, durable and accurate practical type samples for grading resin at the still have been made of colored glass, and sets of these samples have been deposited with various trade bodies. Hereafter they will be sold at cost to anybody desiring them. These samples have been adopted as official by all organizations having control of naval stores in this country, and also recognized by law in the state of Florida.—Scientific American.

Tonsillitis From Bad Water

That enlarged tonsils are generally due to drinking impure water is the contention of Dr. F. Lucas Benham of Exeter, South Australia. He says that in every case he has seen the child was a great drinker of water from the faucet and that whenever he has been able to get filtered or boiled water substituted his patients have become rarer and their attacks have become rarer.

From Burma

From Burma, the following is a list of the country produce direct from the farms to the consumer.

TRAIN HAS GREAT RECORD

"Empire State" Has Covered a Distance Equal to Fourteen Round Trips to Moon.

The Famous Empire State Express of the New York Central, the first regular long-distance train in America to run at more than fifty miles an hour, including stops, has begun its twenty-fifth year. It has covered a distance of 6,518,600 miles, equal to fourteen round trips to the moon, and has carried approximately eight million passengers safely to their destination. The record during these 24 years has been a remarkable one. Not one of its passengers has been fatally injured. One of its engineers for sixteen years was Dennis J. Cassin, who last year was awarded the Harriman bronze medal in recognition of his unblemished record of safety.

When the Empire State express was first placed in service it weighed only 230 tons; now it weighs 780 tons. It was drawn by engines of the "870" class, and later by the famous "999," the locomotive that took the prize at the Chicago world's fair. Nowadays that locomotive looks like a toy in comparison with the giant Pacific type and it could hardly start the train, much less haul it on its fast schedule.—Railway Age Gazette.

Alaska Railroad Progresses

Thomas Riggs, Jr., a member of the Alaskan railway commission, recently arrived in Seattle, Wash., where he stated that, if congress appropriates \$9,000,000 annually for three years, the line from tidewater at Seward, to Fairbanks, can be completed in that time. Mr. Riggs says the surveys are completed and eight miles of roadbed have been graded, and track will be laid within the next thirty days. "There is very little hard rock work along the whole route," says Mr. Riggs. "The maximum grade is but one per cent. Fairbanks needs this road to get at the coal in the Nenana fields. The main deposit extends over a district 20 miles long and 15 miles wide. I saw veins 40 feet thick. Mining near Fairbanks should see great development as soon as this coal can be laid down ready for the operators."

Bridges Expand in Summer

Bridges expand or get larger in summer, and shrink in the shade or at night or in the winter. The rule is that heat makes everything expand and cold makes everything shrink. Cold is nothing but absence of heat, so we may say that everything contracts or expands according to the amount of heat in it. Metals have a most noticeable way of changing their size under the influence of heat. So when bridges are built of iron and steel the engineer has to allow for the change in the bridge's length. After he reckons on the amount of expansion he builds the bridge so that it has room to grow a little longer in the summer.

Flowers for All Ages

The rich little maid will march from her cradle to her grave through a continuous avenue of flowers. The rich little boy will go through life accumulating florists' bills as a result of it. When baby is born flowers from all mother's friends. Her first birthday brings a shower of flowers and at every birthday after that until she reaches the time when she no longer celebrates them, more flowers. As a debutante she is a social bud surrounded by several wagonloads of flowers. When a bride she is very nearly smothered in the boxes sent from the florists, and so on until finally her coffin is entirely hidden by flowers.

Cutting It Short

"Judge, I wished to make affidavit that I killed a snake last week that was nine feet long. I killed this snake near the back of my barn. I killed it with a five which I purchased in the spring of 1910. I was born—'Hold on,' yelled the J. P. 'You needn't make the affidavit as long as the necky reptile.'—Louisville Courier-Journal.

Improved Type of Cars

Cars of a new type, with a capacity of 70 tons, are being placed in service by the Pennsylvania for hauling pipe of the National Tube company. 77,000 pounds, having recently been shipped on these for export, consigned to the United States Steel Products company for the Oil Well Supply company.

Would Charge Fiscal Year

Most of the American railways, according to a recent investigation, are in favor of changing the fiscal year from June 30 to December 31. Among 200 roads, operating 271,857 miles of railway, only 17 per cent. it is stated, voted to maintain the present arrangement.

Important Russian Line

A railroad, about five hundred miles long, has just been completed which will serve the richest mining and agricultural regions of Siberia.

Possibilities Are No More

It used to be considered hugely humorous in the old-home village to say of some bow-legged man that he could not stop a pig in an alley. But nowadays bow-legged men so vastly outnumber ewin that it is impossible to try the experiment in more than a comparatively few cases.

Cones

A cone is a solid figure that has a circular base and a point called the vertex. It is formed by a surface that tapers from the base to the vertex.

Christmas Time is the Present Time

JEWELRY, THE GIET OF GIFTS

It is so, for a gift ought to be something more than the mere presentation of something worth about so much. The aesthetic sense ought to be recognized. The fitness of the gift to the occasion ought to be considered. Thus you always find Christmas and Jewelry inseparably connected.

The question for you to decide is what article of Jewelry is most suitable in each case. We would like to suggest that our stock furnishes innumerable suggestions. All your gift wants might easily be supplied from it—with profits to you—and satisfaction to those you wish to remember.

Because Jewelry is liked by every one. As we said, it is the gift of gifts.

ANDREW PETERSON
Watchmaker and Jeweler

Crawford Avalanche

O. P. Schumann, Editor and Proprietor.

SUBSCRIPTION RATES.
One Year.....\$1.50
Six Months......75
Three Months......40

Entered as second-class matter at the Postoffice at Grayling, Mich., under the Act of Congress of March 3, 1879.

GRAYLING, THURSDAY, DEC. 16

Toys at Brenner's.

Mrs. P. D. Borchers and son Clare, spent a couple of days of last week in Bay City.

Some thermometers around town this morning registered about 6 degrees below zero.

At the annual election of officers of Portage lodge, K. of P. last night, the old officers were re-elected for the ensuing year, with Carl Johnson as chancellor commander.

There will be a dance and oyster supper at the home of Alton Brott in Beaver Creek, Saturday night, Dec. 15th. You are cordially invited—come and bring your friends. 12-16-2

The City Park benefit vaudeville entertainment Friday night is sure to be a dandy. Seats are being reserved fast at the Central Drug store. The program appears on the last page of this paper.

Santa Claus again at Brenner's.

Andrew Brown, of Frederic was in the city Monday. He just returned from a visit in the southern part of the state.

Brick ice cream—fruit and other varieties, for Christmas at Olaf Sorenson & Sons. Orders must be in by Wednesday the 22nd.

Mrs. J. C. Burton left last night for Bay City after receiving a message that Mrs. Sarah Phelps was dying. Mrs. Phelps has been a guest at the Burton home several times and is quite well known here.

Mr. and Mrs. Grant Shaw returned last Tuesday morning from Arkansas, being called there by the death of Mrs. Shaw's father. They have been absent about three weeks. Mr. Shaw resumed his duties in the M. C. R. R. ticket office yesterday morning.

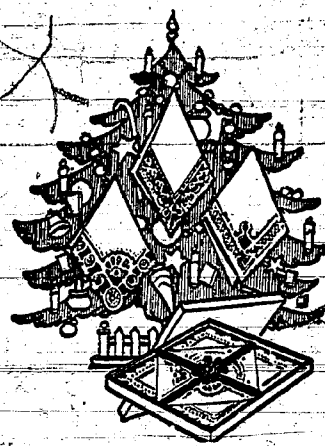
Devere Burgess has opened new billiard parlors over the Simpson grocery, the place lately occupied by C. Trombley for the same purpose. The tables and equipment are all new and the best that ever came to the city. You are invited to come up and enjoy some of this fine sport.

Christmas calendars, seals, tags, stickers, crepe paper and tissues. A. M. Lewis.

Local news on other pages.

SALLING, HANSON CO.

Established 1878



YULETIDE PRESENTS

She surely will approve of your taste if you buy her Present at this Store.

Here is where she does her own shopping and is familiar with the High Quality of our merchandise.

BEAUTIFUL
PRACTICAL

GIFTS

SERVICEABLE
SENSIBLE

Our big display of useful articles for ladies makes buying easy—and because everything is so new, late style and high quality you are sure to buy just right. You will find everything here that you may expect to find in a well managed dry goods store, in good reliable qualities.



Fathers, Mothers, Brothers, Sisters, Husbands, Wives, Lovers and Sweethearts

SORENSEN BROS. IS The Store of Useful Gifts

And how splendidly we've prepared the things that will please "him or her" most. Everything the finest in style and quality. Remember the "Art of giving." It is not that we have so few articles to select from, but as we may say, too many—an embarrassment of choice. Remember that we are specialists, featuring suitable gifts for everyone.

Dressing Cases for Men

Man's Home Comforts when traveling. Prices

\$1.25 and \$5.50



Prepare for Christmas 1915

For the Woman who Travels

Manicuring Outfits, Jewel Boxes, Sewing Boxes, Etc.

Very attractive and convenient necessities, of French Ivory, Ebony and others in all prices

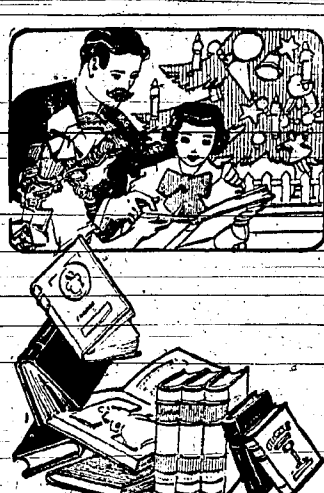


Everything for the baby to play with.

BOOKS

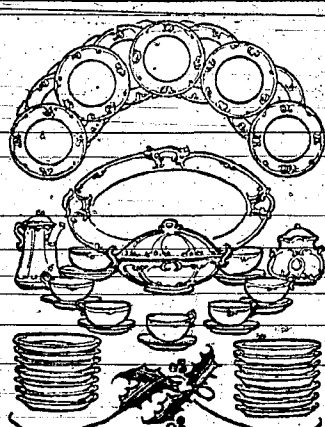
For old and young and all kinds. Prices from

5c to \$1.35



China

From Dinner Sets to all kinds of single pieces of good China.



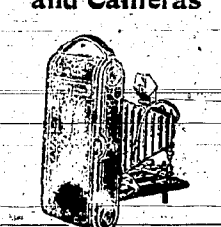
China! China! China!

Toys

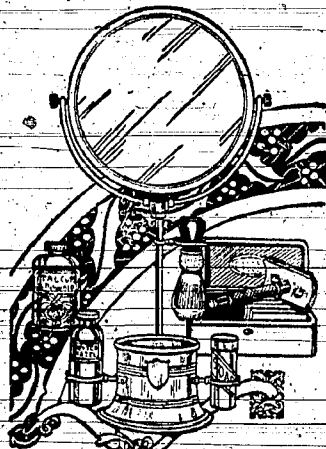
Boys and girls, everyone. Be sure and come down and look over our complete line of Toys.



Brownie Kodaks and Cameras



The most complete line of Kodaks ever in Grayling. Prices of Kodaks on hand from \$1.25 to \$22.50. Also a full line of supplies and needs.



Shaving Outfits and Articles

All Prices.

Also all kinds of articles, such as

Desk Outfits Ink Wells Book Racks

and other articles too numerous to mention.

Book-cases, Smoking Sets, Coustoner's Brass and Wood Beds, Chairs, Rockers, Buffets, Kitchen Cabinets, Pictures, Tables, Desks, Sewing Machines, Music Cabinets, China Closets, Etc.

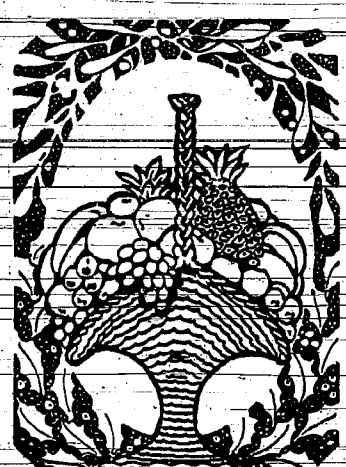
ONLY ONE MORE WEEK BEFORE XMAS

SORENSEN BROS., THE HOME OF DEPENDABLE FURNITURE.

Groceries for Your Christmas Dinner

We Are Ready For You

We are ready to do our part toward that big Christmas dinner you are whetting your appetite for. Come right along and get the Groceries. We have stocked up for the occasion and have some special Christmas delicacies that will please you.



Salling, Hanson Co.

The Pioneer Store

\$8.00 fine all-leather traveling bags at \$5.00, at Brenner's.

Mercy Hospital Notes.

Miss Kate Elliott of Gaylord is a patient at Mercy hospital and is doing nicely.

Mrs. W. H. Warren, who had been a patient at Mercy hospital for a week was dismissed last Saturday.

Mrs. Andrew Holzschu was dismissed from Mercy hospital Monday and returned to her home at Waters.

John Millborn of Sterling, who was injured on the M. C. R. R. left for his home Monday, after being at Mercy hospital for several days.

John Sullivan, who suffered a fractured limb, while at work at Legrand has been at Mercy hospital for about eight weeks. He left Monday for his home in Wolverine.

Miss Marion Carrick left last Monday for her home in Roscommon after being at Mercy hospital for the past six weeks. Miss Carrick underwent an operation for appendicitis.

Stanley Kruskey of the Stephens Lumber Co., Waters, who had his hand injured while at work, is doing nicely at the hospital, as is Emil Drancho of the Salling, Hanson Co., who also had his hand injured.

Mrs. George Nichols of Gaylord, who has been at Mercy hospital for the past three weeks, having undergone an operation a couple of weeks ago, is doing nicely and will be able to leave the hospital in a few days.

Fine line of safety razors. A. M. Lewis.

Trappers

I will buy your raw Furs and pay the best market price.

CHAS. FEHR.

Christmas Baking

IT IS CHEAPER to buy than to bake for the Christmas dinner. Let us do your baking for you, and save you money and time and much hard work. Talk to us about it early.

Special preparations have been made for doing all kinds of holiday-baking, giving it that peculiar "home flavor" which is so much in demand everywhere.

A Few Suggestions:

Try our New Silver Slice Cake
New England Dark Fruit Cake
Pepper Nuts

Honey Nuts
Christmas Cookies
Apple Cake

Do Not Fail to Register for a Calendar

We are going to give to our customers by far the prettiest calendar that was ever given away in Grayling.

Model Bakery and Grocery

THOS. CASSIDY, Prop'r.

Home Talent Vaudeville

Opera House, Friday night Dec. 17. Tickets at Olson's drug store



This Store MAKES GOOD on EVERY PURCHASE

We never allow any house to sell better goods than we do, or to sell them for less money. We set the pace in everything we handle, in every sale that we make. It is a way that we have—and it is a way that pays us and PAYS YOU. Buy from the STORE THAT MAKES GOOD.

For Christmas:

Delicious Candies

Always appropriate—always welcome—always pleases. Every girl loves to receive candy for Christmas. Include a box with her Christmas gift.

Gilbert's Chocolates, per pound.....	\$.80
Gilbert's Assorted Nuts, per pound.....	1.00
Maxie Cherries, per pound.....	.39
Liggett's Assorted Nuts, per pound.....	1.00
Liggett's Chocolates, per pound.....	.80
Johnson's Chocolates, per pound.....	.60
Guth's Old Fashioned Twisted Stick Candy—made of pure sugar, enjoyed by old and young, two-pound box for.....	.39

WHITE IVORY

We have the finest selection of White Ivory pieces and sets that ever came to Grayling—Buffers, Hair Brushes, Cloth Brushes, Mirrors, Trays, Combs, Manicures, Picture Frames, Etc.

A specially fine White Ivory Hair Brush at.....\$2.50

Smokers' Goods

A good cigar will keep any man happy. We have all the leading brands—we will help you to select the kind of a cigar he smokes. Standard brands of Cigars in plain and Xmas boxes.....\$1.00 to \$4.00 per box. Pipes, all styles from.....25c up to \$5.00. All the leading brands of Tobaccos in plain and Christmas packages.

Razors and Shaving Outfits

In this department we have about everything that will appeal to the man who shaves. Good A-No. 1 Razors and Safety Razors from \$1.00 to \$5.00. Standard brands of Shaving Soaps, Face Lotions, Talcum, Hair Shampoos and Tonics. You will enjoy shaving yourself with one of our Fine Safety Razors.

FINE STATIONERY, PENNANTS, FANCY WALL HANGERS, ETC.

Perfumes and Toilet Waters

Palmer's, Jennings', Colgates', Foote and Jenks' and other brands of exquisite perfumes in bulk and fancy bottles. This is a gift that is always proper and appreciated. Also Toilet Waters—they are among the many desirable things for Christmas presents. Do not overlook the many attractive articles in our Perfume and Toilet Article departments.

Tinker Toys

We have the newest things in Tinker Toys, for building all kinds of miniature structures. They interest the father as well as the children. There should be a set in every home.

FANCY CHRISTMAS CALENDARS, SEALS, TAGS, STICKERS, etc., and CREPES and TISSUES

Cameras and Photo Supplies

No home is quite complete without a Camera or Kodak. They record the history of a family better than in any other way. Our line of Ansco Cameras in adjustable and universal focus meet the high endorsement of the professional and the amateur. Prices from \$2.00 to \$25.00. We carry a full line of Films and other Photo Supplies.



Books and Magazines

Our Book and Magazine department is full. Books for the kiddies and books for the grown-ups, too. Kipling, Stevenson, Longfellow, Hawthorne, Shakespeare, Porter, Churchill, Wright, London and all the other well-known authors. This is the GREAT CHRISTMAS BOOK STORE. All the latest magazines and periodicals. A year's subscription to some magazine is also good.

Nail Files, Buffers and Complete Manicuring Sets

Fountain Pens

Here again we offer a suggestion that as a Christmas gift finds a ready welcome to the pocket of any man. A good fountain pen, like the Sheaffer (self-filling) seems to be appropriate to both men and women. We will be glad to explain them to you when you come to the store. Prices from \$1.00 to \$4.00.

Thermos Bottles All sizes and prices ranging from \$1.50 to \$3.00 each.

Crawford Avalanche.

GRAYLING, THURSDAY, DEC. 16

Local News

Cameras from \$2 to \$25. A. M. Lewis. We buy hides and furs at Brenner's.

Harold Swaffield spent Sunday visiting friends at Wolverine.

Miss Flora Hanson is a new clerk at the Sorenson Bros. store during the holiday rush.

Mrs. Chas. Adams and youngest daughter left Monday for a short visit with her parents at Deward.

Miss Bessie Brown is assisting at Holiday's Bazaar after school and evenings during the busy holiday season.

Do your Christmas shopping both early and late. You can't afford to miss the exulting joy of the grand rush.

Do your Christmas shopping early but remember a safe and sane Christmas tree means fewer fires and fewer fatalities.

Wanted—the people of Grayling to come and look over our Xmas novelties, Kodaks, China, Toys, etc. Sorenson Bros.

Miss Flora Hanson celebrated her birthday anniversary last Sunday evening by entertaining a number of friends at her home.

Taxes are now due and the rolls for the collection of state and county taxes are now at the Bank of Grayling, ready to receive payments.

Fine feathers at the Opera house last Sunday evening were exceptionally fine. It featured Janet Beecher, one of the popular movie actresses.

Miss Lillian Bates spent Sunday in Cadillac and visited at her home here Monday. She returned to her school duties at Vanderbilt Tuesday morning.

No man can expect the rest of the world to think him a saint unless he is one. And by the same token we are not looking for any shower of bouquets.

Miss Rosanna Sachs arrived Monday from Detroit to spend the holidays with her parents and friends here. Miss Sachs is employed in a millinery establishment in that city.

A snake, a liar, a gossip and a loud mouthed bully are among the most delectable abominations this world has ever produced—except the cuss who reads his home paper for five years and then refuses to pay.

Gibbstown, N. J. Mr. Avalanche Nani:

Enclosed please find \$1.50 for which forward to us our old home friend the Avalanche for twelve months. All well with me and my family. Cordially yours, FANNY B. MORRIS.

Tony Nelson is confined to his home with an attack of appendicitis. He took sick last Friday and was quite seriously ill for a few days. It is thought by the attending physician that an operation will not be necessary at present.

The Avalanche hereby acknowledges credit for the report of the Farmers' Institute, held in the Court house in this city last week Friday and Saturday by Marion R. Hopkins, of Beaver Creek. The report appears on the first page of this issue.

Miss Edith McDonald returned to her home in Wolverine Saturday afternoon after spending the week here visiting friends. Mr. McDonald visited his wife here over Sunday. Mrs. McDonald is here for medical treatment and is the guest at the Will Havens home.

The fair and supper given by the R. C. ladies last Saturday afternoon and evening was a success in every way. Many beautiful articles of embroidery and crochet work were on display and together with the excellent supper netted the ladies a neat little sum, for the treasury.

Mr. and Mrs. Nikolai Schlotz entertained several young ladies at their home last Thursday evening. Cards were the order of entertainment. Miss Hattie Gierke capturing the first prize, and Miss Margrethe Hemmingson the consolation in playing peder. A delicious luncheon was served late in the evening, and each guest found at their place at the table a beautiful souvenir spoon as a favor. The guests included the Misses Anna Nelson, Anna Fischer, Fedora Tetu, Hattie Gierke, Anna Jensen, Margrethe Hemmingson, Wilda and Bessie Felling, Edna McCullough, Nina Peterson and Minnie Nelson.

John W. Jordan, who will be well remembered by our citizens of thirty years ago, who came from Jonesville, to work for O. Palmer and built the first planing mill in our city and was foreman for three years, died in Toledo, Nov. 29 and was buried beside his wife in the Jonesville cemetery. His oldest daughter, Mrs. Emma Frary, resides in Toledo and he has lived with her for several years. The youngest daughter is the wife of Sidney Claggett, who was in the dry goods trade here but moved to Johannesburg at its birth and remained in the employ of the Lumber Company's store in that place until about a year ago when he moved to Ohio. One son is on a farm near Jonesville and another in Indiana.

Fire insurance is too cheap to be without. Why are you so negligent? G. L. ALEXANDER & SON.

Stationery, pennants, etc. A. M. Lewis.

Your clothes cleaned and pressed right at Brenner's.

Miss Maude Tetu spent the fore part of the week in Roscommon and Bay City.

Miss Hattie Gassel of Lewiston was a guest at the home of Mr. and Mrs. M. Brenner.

Margrethe Bauman returned home Monday after a several days visit in Bay City and Saginaw.

Miss Florence McCormick of Lovells spent the latter part of last week here visiting Mrs. E. S. Houghton.

If Uncle Sam has to take a licking he will have the supreme satisfaction of knowing it is the first one and that it is trailing along late in life.

Finest assortment of white ivory goods we ever had. Ask to see our special offer of a white ivory hair brush for \$2.50. A. M. Lewis.

Ladies' and Gentlemen's clothing cleaned, pressed and all kinds of alterations. Also furs remodeled. Next to G. A. R. M. Weisgard, Tailor.

Dr. and Mrs. Whitaker entertained the former's parents, Mr. and Mrs. J. A. Whitaker, of near West Branch, the latter part of last week, they returning home Monday.

Standard brands of cigars in regular and Xmas boxes, \$1.00 to \$4.00. Let us help you to select his favorite brand. Also pipes from 25 cents to \$5.00 each, and tobaccos put up in handsome packages. A. M. Lewis.

The members of the Loyal Order of Moose enjoyed a fine venison "feed," at their club rooms Monday night. About forty-five members gathered around the festive board and four hind quarters were nearly all devoured. The venison was contributed by Sheriff Cody of this city, and Pat Burke of Frederic. Thomas Cassidy roasted the meat and made the gravy in one of his large bakery ovens, and whether it was the quality of the venison or the way it was prepared, we are not in a position to say, but those who were there claim it was "the best ever."

The Bay City Hunting and Fishing club is seriously considering the erection of a handsome new club house on the south branch of the AuSable river, four miles from Roscommon. At the annual meeting of the club held in Bay City, Tuesday evening, the board of directors were instructed to secure plans for the building, which will be inspected and considered at the next meeting of the club members. The board of directors are here today for the purpose of looking over the ground and reaching a conclusion as to the sort of a building which would best meet the requirements of the members. Roscommon Herald News.

A post card from Major M. J. Phillips, written from Los Angeles, Calif., Dec. 10th, says as follows: "Have been out in Golden Gate state since Nov. 3, going to school at the moving picture plants but doing some sight seeing, too. Going to San Diego tomorrow for a few days. Leave here for home about Dec. 27th. Family is with me." This little message will be as interesting to his other friends in Grayling as it is to us, and we therefore take the liberty to publish it. Major Phillips has been arranging a set of moving pictures that were taken during last summer's M. N. G. encampment, showing Camp Abbey in motion. We trust that in due time the people of Grayling may be privileged to view them, and no doubt we will if the Major has anything to do with them.

Sheaffers' self-filling fountain pens. None better. \$1 to \$4. A. M. Lewis.

Owes Her Good Health to Chamberlain's Tablets. "I owe my good health to Chamberlain's Tablets," writes Mrs. R. G. Neff, Crookston, Ohio. "Two years ago I was an invalid due to stomach trouble. I took three bottles of these Tablets and have since been in the best of health." Obtainable everywhere.

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Fifty Gifts—Fifty Dollars

To people unfamiliar with this store it would seem that to select fifty gifts from our stock would require a small fortune. Those who know realize that they could make such a selection and not exceed fifty dollars.

If you are not already our customer, a pleasant surprise awaits you here.

In addition to our high class service our quality guarantee goes with each piece, be it priced little or much.

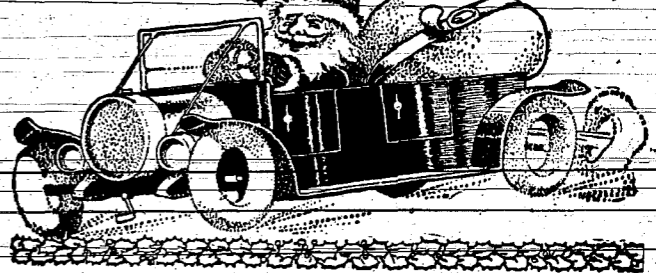
C. J. HATHAWAY

JEWELER

OPTOMETRIST



MAKE WAY



This year we are showing the largest and finest assortment of

XMAS CANDIES

ever shown in town.

We have a complete line of Nuts, Popcorn, Popcorn Balls, Dates and Figs and don't forget to order a box of Barnum's Animals for the children. We have 200 boxes at 5c each.

Our Grocery Department

Is complete and up-to-date and we can surely fill your order to the best of satisfaction. Remember we handle a complete line of Bakery Goods fresh every morning from

THE HANSON BAKERY

P. S.—Make this Xmas the happiest one you have in years by leaving your order at

PETERSEN'S

The store that gives QUALITY, SERVICE, PRICE

A Man With An Appetite

Is often the cause of endless perplexity to the careful and conscientious housewife. She wants him to have the best, she wants him to be satisfied, but she simply MUST keep the table expense down.

We cater to the good judgment of all such housewives. We carry a stock of Groceries and Provisions that can not be surpassed in this locality, either in quality or in the economy of price. We sell you goods that give the greatest possible satisfaction, yet we keep the price right down to the economy figure. In each article you get the greatest nutriment at the minimum price.

DeWAELE & SON GROCERS

The Home of Good Things to Eat

FURS

Get "More Money" for your Furs. MINK, SKUNK, RACCOON, BEAVER, COYOTE, SEAL, LYNX and other Fur bearing animals in your section. SHIP YOUR FURS DIRECT to "SHUBERT'S" the largest house in the world dealing exclusively in FUR. We have a reputation for "more than a third of a century" and our record of sending Fur Shippers prompt SATISFACTION is the only reliable, accurate market report and price list published. Write for it NOW—It's FREE. A. B. SHUBERT, Inc. 15-17 WEST AUSTIN AVE. Dept. 516 CHICAGO, U.S.A.



Do not wait until the last minute—come in to-day and buy some of these fine Christmas gifts. If desired we will lay them away for later delivery.

A. M. Lewis, DRUGGIST

Phone 18

Have Your Wall Paper Cleaned

\$1.00 a Room and up

Now is the time to get your wall paper cleaned so that your walls will be clean and neat for the holidays. We clean your wall paper for a dollar a room and up, according to the size of the room. Calcimine wall also.

Conrad Sorenson

Phone 613

Too Good To Live.

He never smoked; he never drank; He never said "How dry I am!" The filthy weed he thought was rank He never used the cuss word "damn!" He came home early every night— Of this fact I am positive— And on his tombstone one might write:

"ALAS, HE WAS TOO GOOD TO LIVE!"

A model man in all respects, He even went to Sunday school; Quite free was he from all defects; He'd never heard of Kelly pool; His hard-earned salary each week To Friend Wife he would always give, And those who would his tombstone seek Might read: "HE WAS TOO GOOD TO LIVE!"

He paid subscriptions in advance; He never knocked his native town; He wielded no reformer's lance; He never sought for cheap renown; If you but pleased him, he would write

And tell you how much joy you give (Not many persons so polite) ALAS, HE WAS TOO GOOD TO LIVE!

Local News

Mr. and Mrs. Marius Hanson were in Bay City—and Seginaw—yesterday. Annual election of officers of Masonic lodge tonight. Members please be present.

The old mill, which had been shut down for the past six weeks for general repairs has begun operations again.

Mrs. James Wingard was in Cheboygan last week Wednesday, officially inspecting the Farragut Circle, No. 37, Ladies of the G. A. R.

Mrs. Lloyd Gierke and children returned Tuesday from Keokuk, Iowa, after a couple month's visit with relatives who reside there.

Born to Mr. and Mrs. Roy Newton of Detroit on Sunday, Dec. 5th, a baby girl, Harriet Erma. Mrs. Newton was formerly Miss Agnes Rasmussen of this city.

Fred McDonald of Frederic visited his mother, Mrs. McDonald, of Wolverine over Sunday here. Mrs. McDonald has been a guest of Mrs. Will Havens for several days.

S. G. Seairight, eye specialist is now in Gaylord. He will again be at McClellan's hotel Sunday and Monday Dec. 19th and 20th. Eyes tested free. Glasses from one dollar up.

Mrs. Collier, postmaster at Gaylord was in the city on Monday, accompanied by Miss Nina Haskill, also of Gaylord. They visited Miss Kate Elliott, who is a patient at Mercy hospital.

Mr. Dirk Nanninga, a young gentleman, of Holland, arrived Monday from his native land. Mr. Nanninga came to America to learn the lumber industry, and Tuesday accompanied by H. A. Bauman went to one of the Sailing, Hanso & Co., camps, near here.

A camp of the National League of Veterans, and Sons will be organized in the G. A. R. hall at 7:30 Friday eve., December 17th. All who made applications for membership are expected to be there. General R. J. Gillispie and Adjutant General P. H. Andrews of Flint will be here to assist E. A. Jennings who has secured the membership in organizing the camp.

On Tuesday evening the children of the South Side school, under the direction of their teachers, Miss Campbell and Miss Clark, gave a very pretty entertainment at the Opera house. The entertainment consisted of two series of reels put on by Manager Olson, followed by Folk dancing, character songs and a playette given by the children. The little tots as well as the older ones took their parts splendidly and entertained the people who were present. This was given to raise money for a Victoria which is being enjoyed by the grades. The entertainment was well attended.

Mrs. Glen Bedtelson, who has been suffering from a complication of diseases, just recently returning from the Grayling hospital, and has been in a demented condition since that time, took her own life by hanging herself in a woodshed last night. Mr. Bedtelson returned from work about 5 o'clock and found his three children crying for their mother. After investigation he found his wife hanging from a rafter in the woodshed. He immediately notified Sheriff Kenyon, who with assistance took the body down. The body was still warm and it is thought that the act was accomplished only a short time previous. West Branch Herald News.

CHRISTMAS GREETINGS

The Practical Gift Store

Immense Variety, High Quality, Extra Value and Years of Experience make this

THE IDEAL GIFT STORE

when choosing Gifts for Man or Boy, Woman or Girl



There are scores of Fine Gifts in this list that men will want

Beautiful Silk Neckwear 25c to \$1.00

Fine Silk Mufflers 50c to 2.50

Kid Gloves 1.00 to 2.00

Knit Gloves 25c and 50c

Dress Shirts 50c to 2.00

Sweater, 50c to 8.00

Hosiery, all kinds, 10c to 50c

Suspenders and Garter Sets 75c

Hankerchiefs 10c to 25c

Fancy Suspenders 25c and 50c

Fancy Paris Garters 25c

Knit Mufflers 25c and 50c

Fancy Arm Bands 10c to 25c

House Slippers 75c to 2.00

Pajamas 1.25 and 1.50

Night Gowns 50c to 1.00

Suit Cases 1.00 to 10.00

Traveling Bags \$5 to 10.00

Caps, new styles, 50c to 1.50

Fur Caps 5.00 to 15.00

Hundreds of other articles are here for your selection

A great selection of new Overcoats are here, all specially low priced



A few of the many useful and pretty Holiday Gifts for women and children

There is simply no limit to your choice of Handkerchiefs 5c to \$2.50

Silk Hose 50c to \$2.00

Fancy Aprons 25c to 1.00

Bath or Fancy Towels 25c to 1.00

New Style Hand Bags 50c to 10.00

Felt Slippers 50c to 1.75

Kid Gloves—white, colors and black, 1.50 to 2.00

Yarn and Chamoisette Gloves 25c and 50c

Ladies' Sweaters 2.00 to 7.50

Children's Sweaters 50c to 3.50

Children's Furs reduced to 1/2 price

Warm Knit Goods for infants and children of every kind

Children's Coats at greatly reduced prices

January prices on all Ladies' Coats and Skirts

Table Linens, Napkins, Bed Spreads

A complete line of Boys' Caps, Sweaters, Mitts, Overcoats and Suits

Final Price Reductions on all Ladies' Winter Suits—One-Third Off regular prices

The Grayling Mercantile Co.

The Store of Useful Gifts

The Practical Gift Store

For Gifts that will please him most.

For Gifts that will please her most.

Miss Hattie Kraus is assisting in the Emil Kraus store during the busy season.

Miss Nellie Shanahan left the latter part of last week for Lansing to spend several days.

Just to remind you that the time to buy Xmas goods is "now." The place is at Holiday's Bazaar.

All new goods and prices right. Our motto is Live and let Live. Call and look our stock over before purchasing. It will pay you. Extra fine line of candy for Christmas trade. Holiday's Bazaar.

A Chicago doctor charged a patient \$1,000 for stopping a case of nose bleed. The patient wouldn't pay. The doctor sued, and another doctor testified in court that the fee was not excessive, while yet another one thought \$500 was about right. And to think that we are rubbing a newspaper instead of being a nose bleed specialist!

\$6.00 all leather suit cases for \$4.50, at Brenner's.

Yacob Straus is expected to arrive in the city tomorrow—"ach der lieber." See him at the Opera house Friday night.

Mr. Zalsman made a bad mistake in his entertainment program in announcing that the latest steps in dancing would be exhibited by the Folk Dance club. Folk dancing must not be compared with the dance of today. The Folk dances are springing out of life and are an expression of happiness which only belongs to those times when people danced when they were glad and because they were glad. Every Folk dance represents something in life that could not be told in any other way but through expressions of happiness. So much for correction. You may see genuine Folk dancing at the Opera house tomorrow night, in connection with the Park benefit entertainment.

Grayling Co. No. 27, U. R. K. of P. Elect. Officers.

At a meeting of Grayling Company No. 27, Uniform Rank Knights of Pythias held their annual election of officers Thursday night of last week, with the following results:

Wm. H. Case, captain; Marius Hanson, 1st lieutenant; Binar Rasmussen, 2nd lieutenant, (to succeed George Belmont, who recently moved to Flint); Nick Schjotz, 1st sergeant; O. P. Schumann, 2nd sergeant and recorder; Geo. W. McCullough, treasurer; P. L. Brown, guard; and Carl Johnson, sentinel.

Capt. Case is inaugurating a number of new drill movements which are adding a lot of interest to the work. Several new applications for membership are being received.

A beautiful line of perfumes and toilet waters. These make fine presents. A. M. Lewis. Subscribe for the Avalanche.

SHOP EARLY



Only 7 More Shopping Days Before Christmas.

Read the advertisements in the Avalanche then go to the stores and do your purchasing. Our merchants make it easy for you to buy.



THE NEW \$100,000 WAYNE MINERAL BATH HOUSE DETROIT (Third and) MICH.

Completely equipped for giving every approved form of hydrostatic treatment for Rheumatism, Blood Disorders, Nervous Troubles, Dyspepsia, Constipation, etc. The Sunbath-Saline water is not excelled in therapeutic value by any spring in America or Europe. WAYNE HOTEL AND GARDENS In connection. Delightfully located on river front, adjacent to D. & C. New Co's Wharf. Coolest spot in Detroit. European plan, \$1.00 per day and up. J. R. Hoyes, Prop. F. H. Hayes, Asst. Mgr.

Brenner's for toys and dishes

We Solve the Problem of What to Give

Have Him Enjoy the Luxury of Smoking a Pipe

By making him a nice Christmas present of a Briar Pipe with Amber Mouth Piece, from \$1.50 to \$6.00. We carry the largest line in the city of all kinds of Pipes, so look over our line in making Xmas selections.

THE KIND TO BUY

Will be a Standard Brand of Smoking in 1/2 and 1 lb. jars

40c, 50c and 90c each

REMEMBER

With every cash purchase here you will receive

Hamilton Coupons

You can have a Columbia Christmas Grafonola Outfit

Sent to your home (or anywhere you say) and on Christmas morning if you wish, for only a small initial payment. Balance can be paid at your convenience, after the Holidays.

We can give you an outfit that will just fit your pocketbook and on special Christmas terms.

\$75 Easy Terms
Others from \$15. up

Olaf Sorenson & Sons
Grayling, Michigan



The Christmas Smoke

Let "St. Nick" put some nice brand of Cigars down the chimney and watch the fragrant smoke wreath of gratitude go up.

From 25c to \$4.00

The sure welcome gift—

A. A. Waterman FOUNTAIN PEN

The first successful self-filling Fountain Pen. From \$1.00 to \$4.00

AN IDEAL GIFT

Don't worry over Christmas any more or what you are going to give to Mother, Dad, Brother Bill or Sister Sue, but just write

Eveready Flashlight

opposite each name.

\$2.00 to \$10.00

PLACE ORDERS FOR **Brick Ice Cream**

at once, 50c per brick.

[FRUIT]

Sweetest Fruits of Christmas Tree

Sweetest products of the soil from the four corners of the earth are gathered under the tree in the packages of **Morse's Candies** that make the day complete.

25c per package to \$5.00

Cheer the little ones with a present of a nice **TY COBB Foot Ball, Base Ball, Glove or Mitt.** From 25c to \$5.00.

Fine Line of Jack Knives 25c to \$2.00 each.



Olaf Sorenson & Sons

Local News

Mrs. Adam Gierke spent Tuesday and Wednesday in Bay City on business.

Christmas calendars, seals, tags, stickers, crepe paper and tissues. A. M. Lewis.

The place to buy your Xmas Candles is at Holiday's Bazaar. Stock fresh and prices right.

Angus Campbell was called to his home at Fife Lake yesterday by the serious illness of a brother.

John H. Williams has been suffering for the past couple of weeks with blood poison in one of his hands.

The Avalanche will be published one day earlier next week. Advertisers and Correspondents kindly get your copy in one day earlier.

Richard Babbitt has resigned his commission of deputy State Game warden, in charge of the game preserve at the Military reservation.

Mrs. C. F. Pappendick returned to her home in Lake City this morning after several weeks spent with her parents, Mr. and Mrs. John Failing, sisters and brothers.

If you do not see in our advertisement what you are looking for, come into our store. Here we have hundreds of things that will at once interest you and your friends. Lewis Drug Store.

Manager G. N. Olson, of the Opera house, announces a series of features for Wednesday nights and Christmas. The latter night will be presented that sensational feature, "The Nigger, December 22, The Gilded Fool; December 29, A Fool there Was; January 6, The Thief; January 12, Samson. These are all specialty good features and should be liberally supported.

There probably never was a time when the stores looked more beautiful and stocks were so well selected as at this Holiday season. There are some very attractive window displays and store arrangements. Surely the merchandise offered should please all tastes and all purses. It is pleasure just to go about and look at things, even if one does not care to buy. There are hundreds of things to interest you. If you are looking for exquisite luxuries, they are here; also the more practical necessities of the home and for personal wear. These always make ideal gifts.

The Goodfellowship club will give a charity bridge and live hundred party at the Social club rooms Saturday night and cordially invite all to come. This party is given for the purpose of raising more money for the Christmas boxes that will be sent out next week. Twenty-five cents admission will be charged. It is hoped that there will be a liberal response by the general public in this worthy effort, and that there will be a goodly amount of cash on hand to be used for benevolent Xmas purposes. While enjoying the games you will also be helping to make some others happy. The games will begin at 8:00 o'clock.

DuPont News Items.

Supt. Rose spent Sunday with his family in Bay City, returning early the next morning.

General Supt. Clark of Bay City is on the job this week, looking after the opening of actual operations of the plant.

The wells of the Company are being lowered and three or four more added in order to produce the supply of water needed. In a test about two weeks ago, it was found that the supply of water was inadequate, therefore necessitating these new arrangements. In all there are about fourteen wells on the ground.

The six retorts are now in operation containing about forty-eight cords of four-foot wood. It is intended that some of these will be "piled" today.

By that we mean that the steel cars containing the wood will be pulled out of the retorts and their contents allowed to cool in air-tight chambers, then packed and shipped as charcoal. The stills will be placed in operation the last of this week. When the plant gets in actual motion, about sixty to seventy-five men will be employed. Some minor construction work is still in process.

Several of the local workmen have been at the Bay City plant to learn how to handle certain features of the work here.

E. E. Newcomb, electrician, arrived yesterday for the purpose of putting the finishing touches on the electric plant. He believes that about two weeks will be required to finish this part of the plant.

A Christmas donation box will be placed at the Christmas tree for the benefit and comfort of the old couple, Mr. and Mrs. J. Bowers. All who wish to help the good old people in their winter struggle may do so by placing some article of provision in this box. Those who aid in this charity will not only brighten the Christmas time for these two old people who have so little to cheer them but also for themselves.

Riverview.

E. Matt runs his mill night and day. Mr. Grover has a car load of hay on hand.

Mr. Gardner of Kalkaska was here Monday on business.

A. R. Johnson went to Sigma Monday to do some paper hanging for Mr. Murphy.

Mrs. Potter returned home Saturday after a few weeks stay in Sigma.

Guy Mank and Frank Shipman went to Grayling on business Thursday.

Bill Smith's happy face was seen on street Sunday.

Miss Vivian Bromwell went to Grayling Friday to have some dental work done.

Miss Cameron and Miss Malco's room assisted by a few of the children

Frederic School Notes.

Our boys again won at basket ball against Gaylord on their own floor. A large crowd attended and the right spirit was shown by the spectators. During the first half Herman Wilcox, one of our forwards, was put out for personal fouls, and in the second half Elmer Johnson, our center, was put out for the same reason. But we won just the same.

The Gaylord girls won from our girls, but this does not mean anything because the Gaylord girls were playing the 1922 rules while the Frederic girls played the 1917 rules.

Miss Cameron and Miss Malco's room assisted by a few of the children

A beautiful line of perfumes and toilet waters. These make fine presents. A. M. Lewis.

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Watch Your Children

Often children do not let parents know they are unattended. They fear something disastrous. They will like Rexall Children's mild laxative that tastes like sugar. Sold only by us, 10 cents.

WANTS

Advertisements will be accepted under this heading at the rate of 5 cents per line. No ad. taken for less than 15 cents. There are about six words to the line. SEND MONEY WITH THE ORDER.

FOR SALE—A beautiful large oak china closet, a new oak buffet and a piano in good tune. Can be seen at my home. Victor Salling, 12-16-2

WANTED—The people of Grayling to come and look over our Xmas novelties, Kodaks, China, Toys etc. Sorenson Bros.

LOST—A sterling silver link bracelet. Finder please phone Miss Eleanor Schumann at 462, or phone the Avalanche office.

HOUSE WORK—Wanted by young lady. For particulars phone Miss Ida Kline at No. 534.

ROCKET BOOK—Left at Lewis' Drug store latter part of November. Owner may have same by proving property and paying for this notice. A. M. Lewis, 12-9-3

LOST—32nd degree Masonic charm, between Opera house and my home, Saturday, November 25th. Reward offered. Charles E. Bingham.

WANTED—10,000 ladies and gentlemen to call at our store and purchase their Christmas and New Year post cards. Prices range from 1 cent to 20 cents. Sorenson Bros. 12-2-2

FOR SALE—Two milch cows and one more in fine condition. About 11 years old, weight about 1400. Geo. Palmer, Frederic, Mich. 12-2-2

FOR RENT—One room furnished. Rasmus Rasmussen. Phone 351. 12-16-1

from Miss Stinton's room will give a play soon. With the proceeds a first payment on a graphophone will be made, which the school expects to be in January.

The sleighride party to Malco's was enjoyed by all. The boys know now where to go to have a good time.

The "Pathfinder" has been added to the list of magazines and papers in the High school.

The Literary meeting was a great success Monday night. A large crowd was present.

Francis McDermaid was a visitor in High school Thursday afternoon.

Miss Garst will spend her Christmas vacation at her home in Indiana.

A new piano is going to be placed in the High school.

Silas Marner is the reading of the Sophomore class.

Julia Devalch was a High school visitor Friday afternoon.

Andrew Brown, a member of the school board visited the school Monday.

Lovells.

Mrs. A. J. Caid went to Lewiston Saturday shopping.

Florence McCormick left Friday for West Branch to visit with her grandmother, Mrs. Geroy and other relatives.

Miss Lillian Hanna is spending a few days with Miss Emma Feldman, sister of Sigma.

R. Papenfus attended the Farmer's Institute in Grayling, which he reports being very good.

T. E. Douglas was in Grayling the fore part of the week.

Ira Johnson returned to his home in Vanderbit Monday after spending Sunday with his wife and other relatives.

Little Jack Caid, one of the primary pupils in the school received a large certificate for three months perfect attendance from School Commissioner James A. Kalahar.

A. Gutobak spent Sunday with relatives in Bay City.

The people of Lovells are all glad to learn that Sanford Griffin, who was severely burned last week by an explosion of a gasoline engine, is now daily improving.

The Lovells sewing club was entertained last Thursday afternoon at the home of Mrs. J. Douglas. Mrs. Douglas was presented with a neat gift as a souvenir after a most sumptuous luncheon was served. The ladies voted to meet with Mrs. E. McCormick this Thursday afternoon.

Christmas exercises by the Lovells school will be given Thursday evening Dec. 23rd at the Pavilion, all being invited to come and those wishing to put any gifts on the tree are at liberty to do so.

A Christmas donation box will be placed at the Christmas tree for the benefit and comfort of the old couple, Mr. and Mrs. J. Bowers. All who wish to help the good old people in their winter struggle may do so by placing some article of provision in this box. Those who aid in this charity will not only brighten the Christmas time for these two old people who have so little to cheer them but also for themselves.

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Ordinance No. 17.

An ordinance granting permission and authority to the E. L. du Pont de Nemours and Company and to its successors and assigns, to construct, operate and maintain a sewer along and under State Street in the Village of Grayling, Michigan.

The Village of Grayling ordains, as follows, to wit:

Section 1. That consent, permission and authority is hereby given, granted and duly recorded in and to the E. L. du Pont de Nemours and Company, a corporation organized and existing under the laws of the State of Delaware, and duly admitted and authorized to transact business in the State of Michigan, and to its successors and assigns, to construct, own, operate, maintain and use a sewer along and under State Street in said Village of Grayling from the South limits and boundary line of said Village, North to the A. Sable River and to discharge the contents of said sewer into the A. Sable River as follows:

Section 2. Whenever and at such time as said E. L. du Pont de Nemours and Company shall cease to operate its plant adjoining the said Village of Grayling and shall abandon the same permanently, said sewer shall immediately become and remain forever the property of said Village of Grayling.

Section 3. This ordinance shall take effect and be in force on and after the day of its passage.

Passed, ordained and ordered published this 6th day of December, 1915.

H. Petersen, Village President.
T. P. Peterson, Village Clerk.

Ordinance No. 19.

An ordinance relative to the licensing of carriers of passengers for hire and of the vehicle used therefor, to provide for a penalty for violation thereof, and repealing all inconsistent ordinances of parts of ordinances.

The Village of Grayling Ordains: Section 1. No person shall use or offer for use any carriage, sleigh, automobile or other vehicle within the limits of the Village of Grayling for the carriage of passengers for hire without having first obtained a license for such vehicle as provided for in section 2 of this ordinance, and no person shall drive any such vehicle without a license so to do as hereinafter provided. Provided, that this ordinance shall not apply to persons carrying through said village with passengers or carrying passengers to said village from points outside thereof.

Section 2. Any person who is a resident of the Village of Grayling may obtain a license for his vehicle to be used in carrying passengers for hire within said village by his paying into the village treasury the sum of three dollars for each of his said vehicles to be used. Any person who is not a resident of the said village for his vehicle to be used in carrying persons for hire in said village shall pay the sum of five dollars for each and every day each of his said vehicles is so used, beginning thereby two dollars per day per vehicle and any person above the age of eighteen years, of good moral character may obtain a license as driver upon his executing a bond to said village in the penal sum of one hundred dollars with at least one good and sufficient surety thereon conditioned in substance that the principal shall well and truly keep and obey and observe all ordinances of said village and all laws of the State of Michigan relating to the said bond shall also have indorsed thereon a certificate of the village marshal showing in substance that the principal in said bond is believed to be a person of good moral character and a proper person to receive a license as driver of motor vehicles, which when so signed and indorsed shall be presented to the village council, and if approved by said village council, the applicant may receive such license by paying therefor the sum of one dollar.

Section 3. All licenses issued by virtue of this ordinance to persons who are residents of the Village of Grayling shall be for one year, and to non-residents for as many days as shall be paid for, unless the same be sooner revoked and annulled as hereinafter provided.

Section 4. Whoever shall violate any of the provisions of this ordinance shall upon conviction thereof be fined not exceeding the sum of one hundred dollars or imprisonment in the county jail of Crawford county not exceeding ninety days, or both in the discretion of the court, and if the convicted person shall have a license issued by virtue of this ordinance, the village council may, by a majority vote thereof, revoke and annul the license of such offender, but such revoking or annulling shall not entitle such offender to receive back any portion of the sum paid for such license.

Section 5. All bonds given under the provision of this ordinance, shall be for the benefit of the Village of Grayling by reason of any violation of this ordinance or by the violation of any of the provisions of said bond, and any person so injured may bring suit on such bond in the name of the Village of Grayling for his, her or their benefit.

Section 6. All other ordinances of said Village of Grayling pertaining to the licensing of vehicles for hire or ordinances or parts of ordinances inconsistent herewith are hereby repealed.

This ordinance shall take effect on the 1st day of January, 1916.

Passed, ordained and ordered published this 6th day of December, 1915.

H. Petersen, Village President.
T. P. Peterson, Village Clerk.

Notice of Tax Collections.

I will be at my office in my home in Beaver Creek township every Friday during the month of December and first week in January for the collection of taxes.

Andrew Mortenson, Treasurer.
12-16-4

Manistee & N. E. R. R.

Time Card

In effect Nov. 7, 1915.

Read Down.		Read Up.	
A. M.	P. M.	A. M.	P. M.
12:00	12:25	12:50	1:20
1:00	1:25	1:50	2:20
2:00	2:25	2:50	3:20
3:00	3:25	3:50	4:20
4:00	4:25	4:50	5:20
5:00	5:25	5:50	6:20
6:00	6:25	6:50	7:20
7:00	7:25	7:50	8:20
8:00	8:25	8:50	9:20
9:00	9:25	9:50	10:20
10:00	10:25	10:50	11:20
11:00	11:25	11:50	12:20

Daily, except Sunday.
Local freight trains.

Sunday Excursion Service

On Main Line Each Sunday.

Leave Manistee 8:30 a. m. and 5:00 p. m.

Leave Traverse City 8:30 a. m. and 5:00 p. m.

Arrive at Traverse City 11:10 a. m. and 7:40 p. m.

Arrive at Manistee 11:00 a. m. and 7:30 p. m.

Bear This in Mind.

"I consider Chamberlain's Cough Remedy by far the best medicine in the market for colds and croup," says Mrs. Albert Blosser, Lima, Ohio. Many others are of the same opinion. Obtainable everywhere.

Drs. Insley & Keyport

Physicians & Surgeons

Office over Lewis & Co's. Drug Store.

Office Hours—2-4, 7-8 p. m. Mornings and Sundays by appointment.

Residence on Penitentiary Avenue, opposite G. A. R. Hall.

Bank of Grayling.

Successor to Crawford County Exchange Bank.

MARIUS HANSON, PROPRIETOR.

Business paid on certificates or deposits. Collections promptly attended to. All accommodations extended here consistent with safe and conservative banking.

MARIUS HANSON, Cashier.

G. A. Canfield, D.D.S.

DENTIST

OFFICE: Over Alexander's Law Office on Michigan Avenue.

Office hours: 8:30-11 a. m. 1-3:30 p. m.

GLEN SMITH,

Attorney and Solicitor,

PROSECUTING ATTORNEY

GRAYLING, MICH.

Phone 62.

O. Palmer

ATTORNEY AT LAW

FIRE INSURANCE and REAL ESTATE

Office in Avalanche Building

O. P. Schumann

Justice of the Peace

At Avalanche Office

Ordinance No. 18.

An ordinance to amend section 4 of ordinance No. 1 of the village of Grayling, as amended, entitled "Relative to Licenses."

The Village of Grayling Ordains: Section 1. That the ordinance No. 1 of said Village of Grayling, as amended, entitled "Relative to Licenses," is hereby amended to read as follows:

Section 4. All peddlers and hawkers exercising their calling within the Village of Grayling, except peddlers and hawkers who are residents of said Village of Grayling